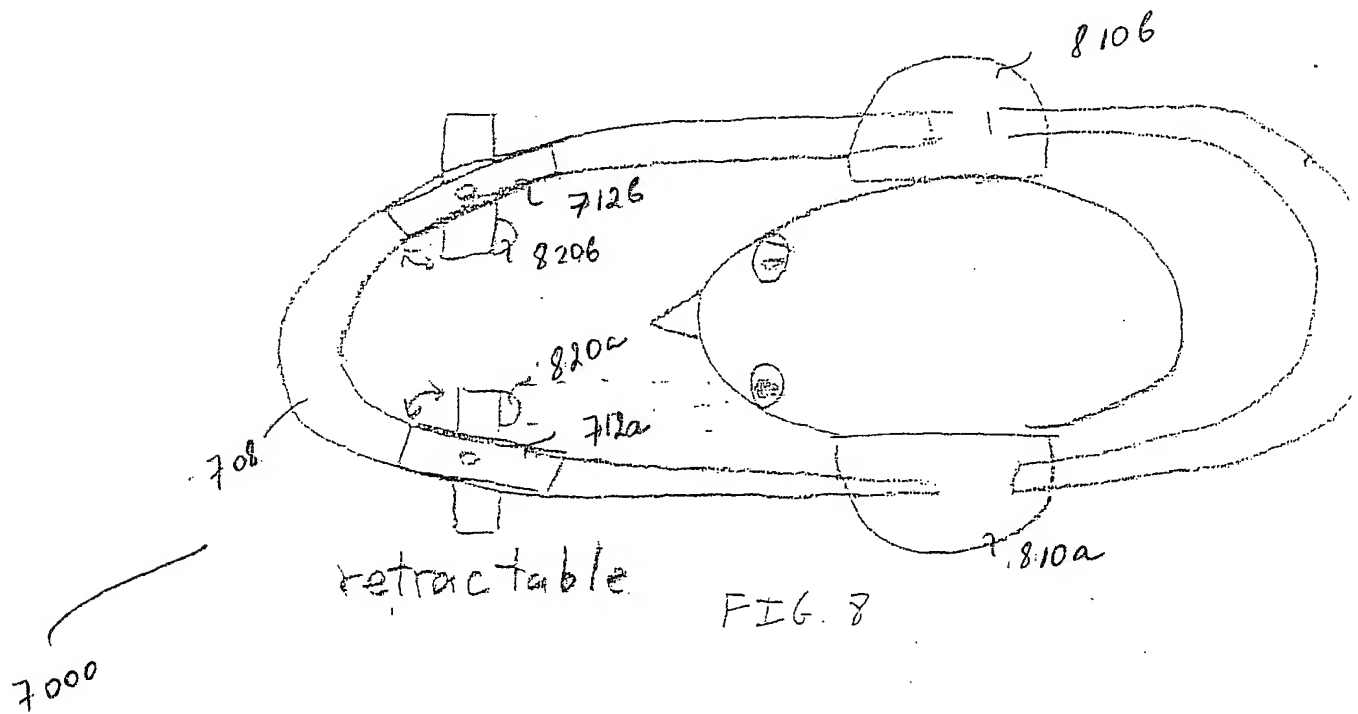
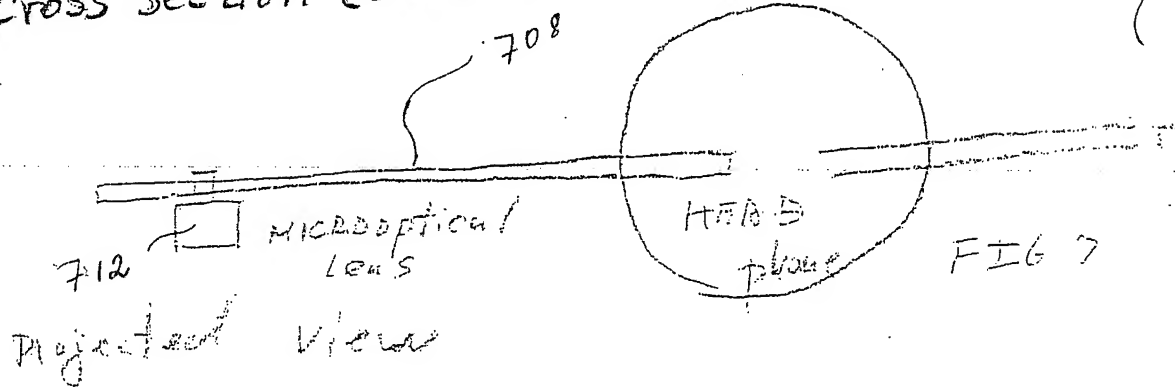


Cross Section (SIDE VIEW)



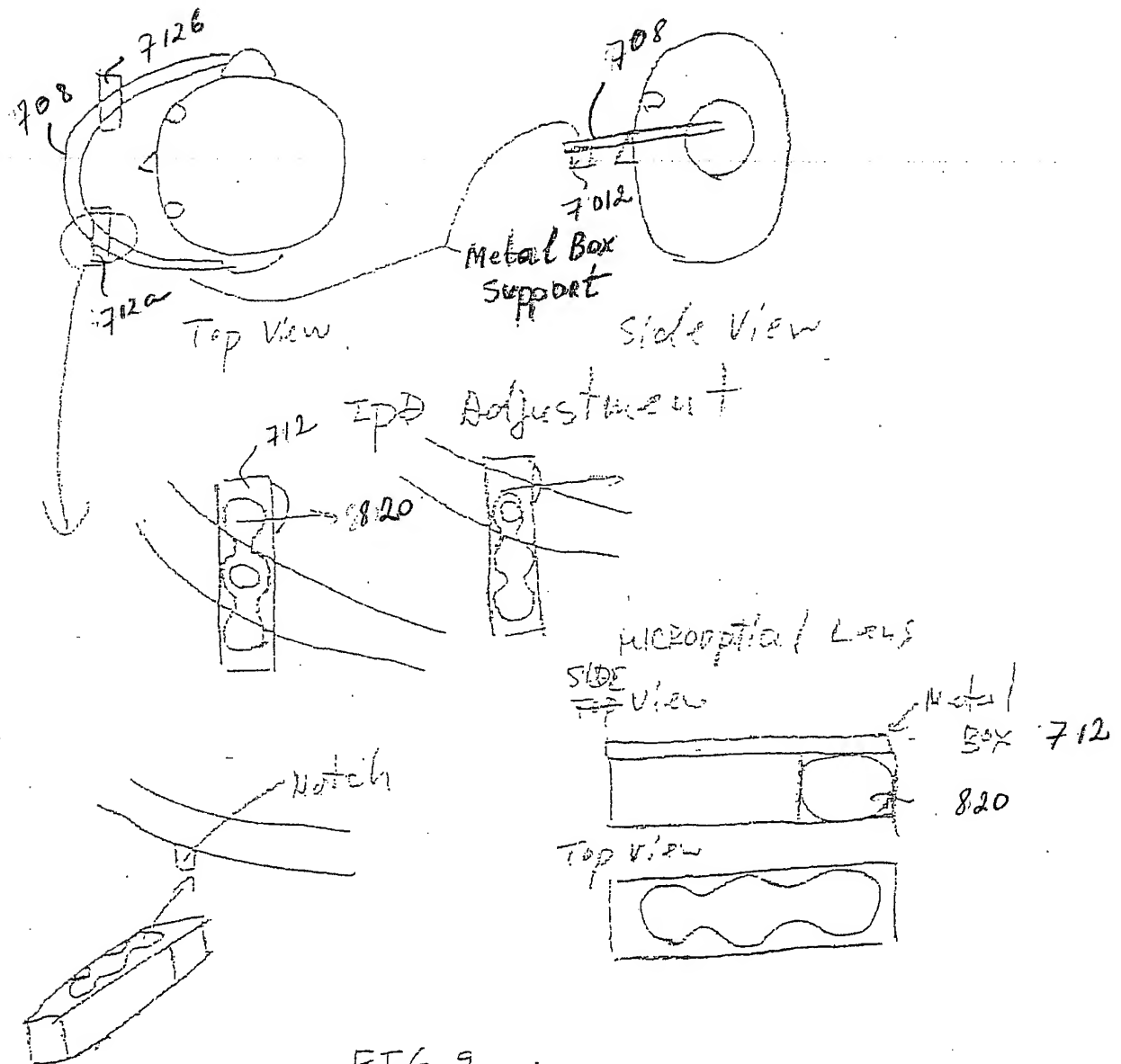
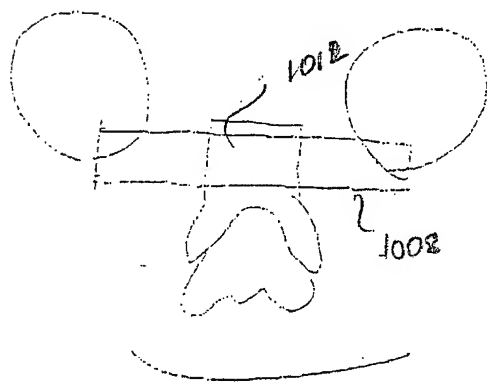
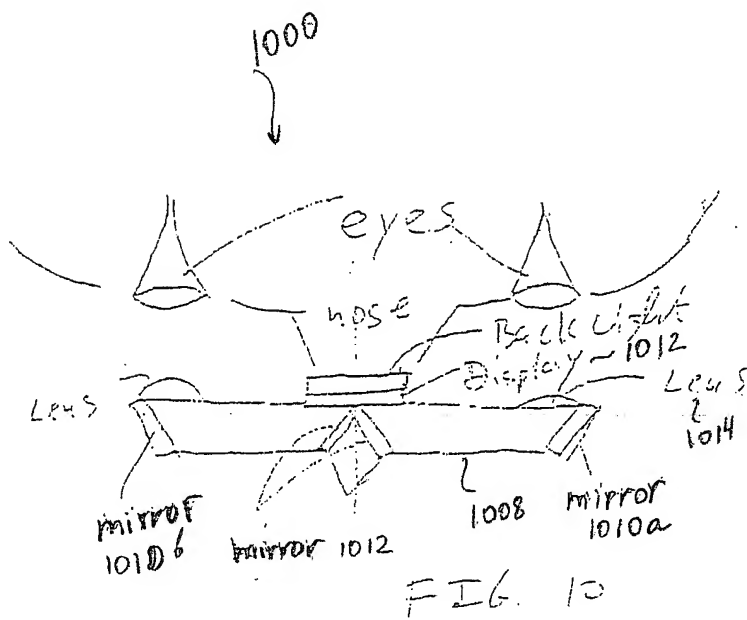


FIG. 9



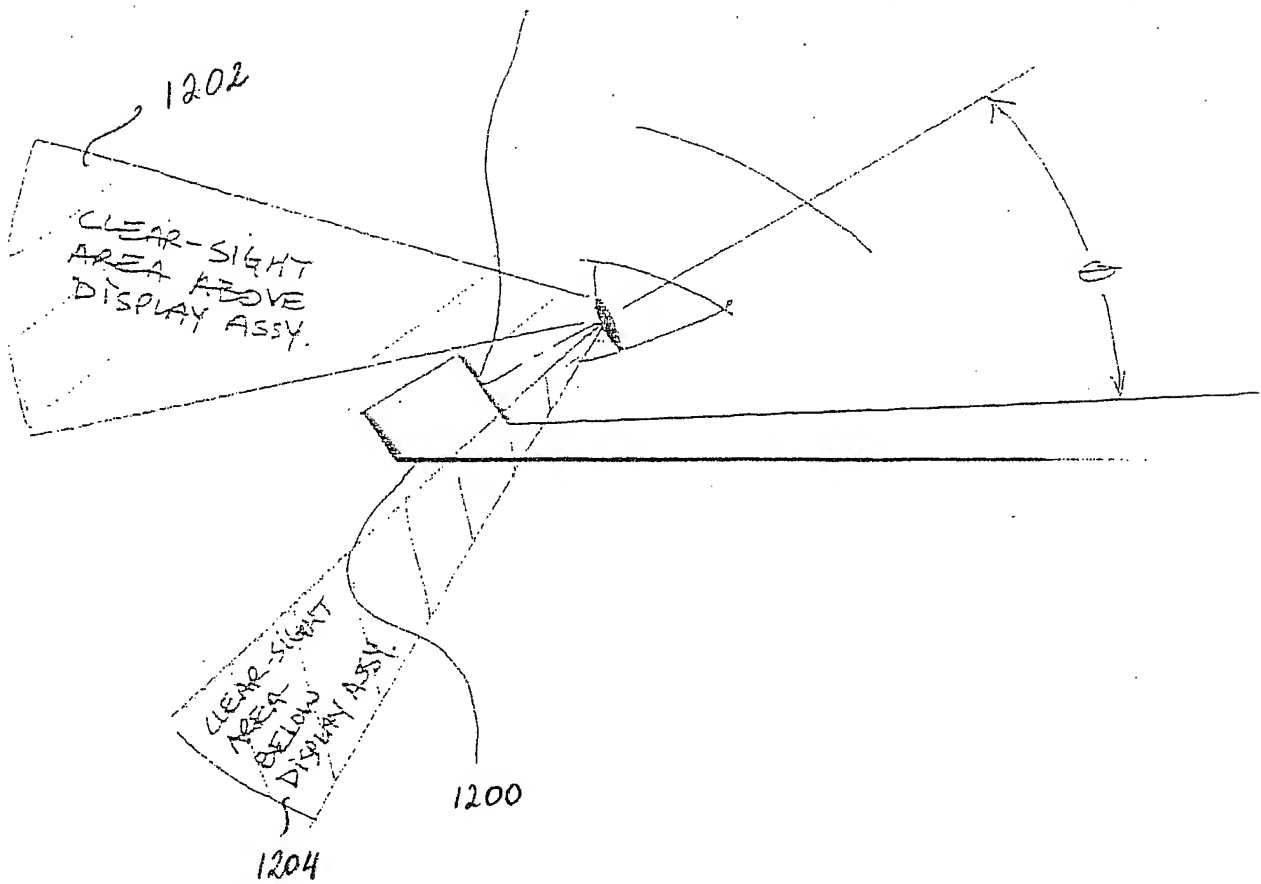


FIG. 12

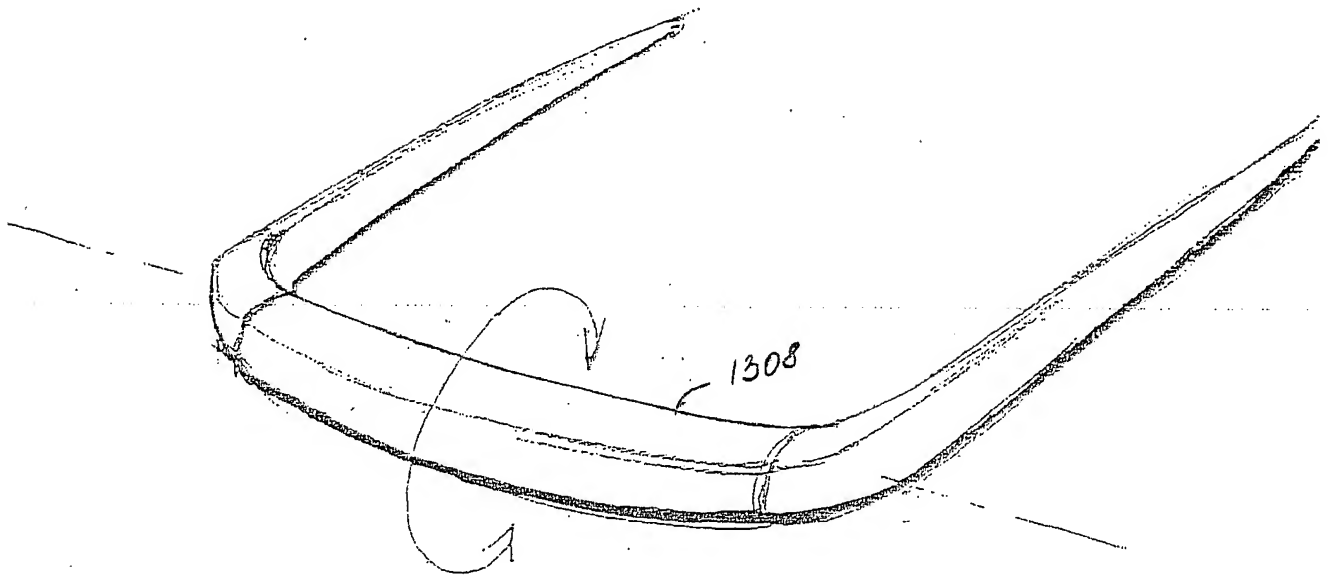


FIG. 13

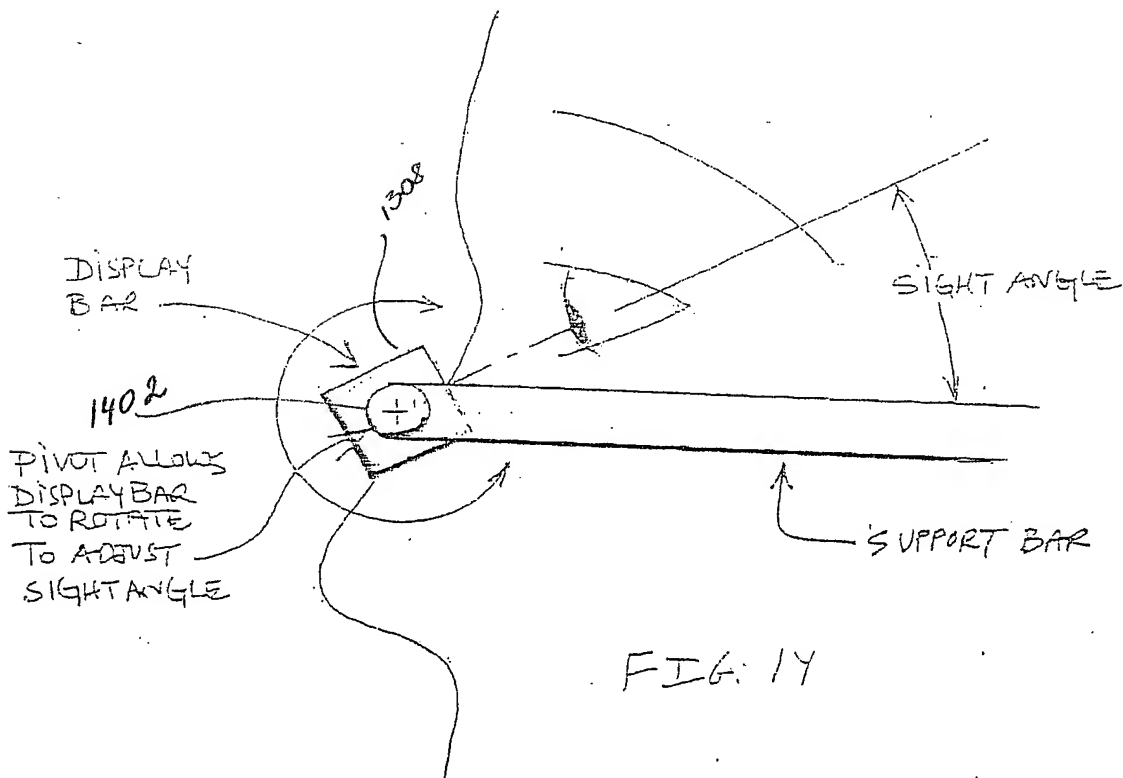
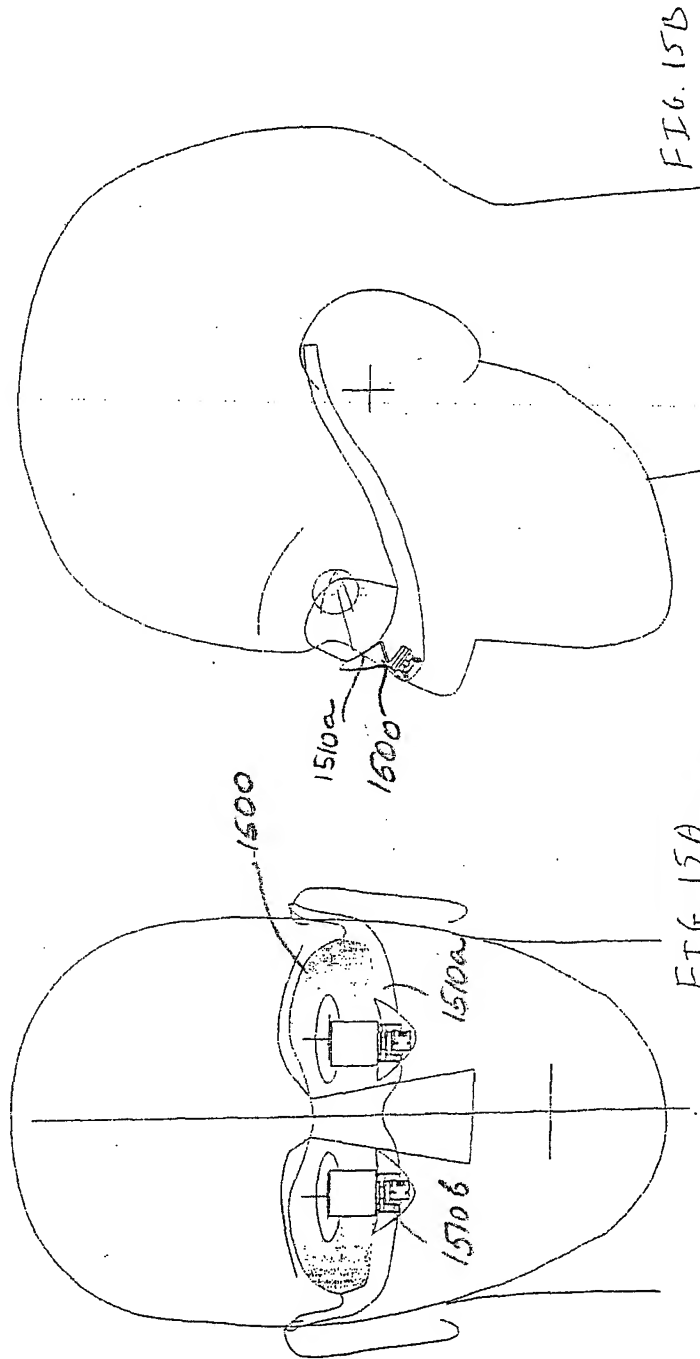
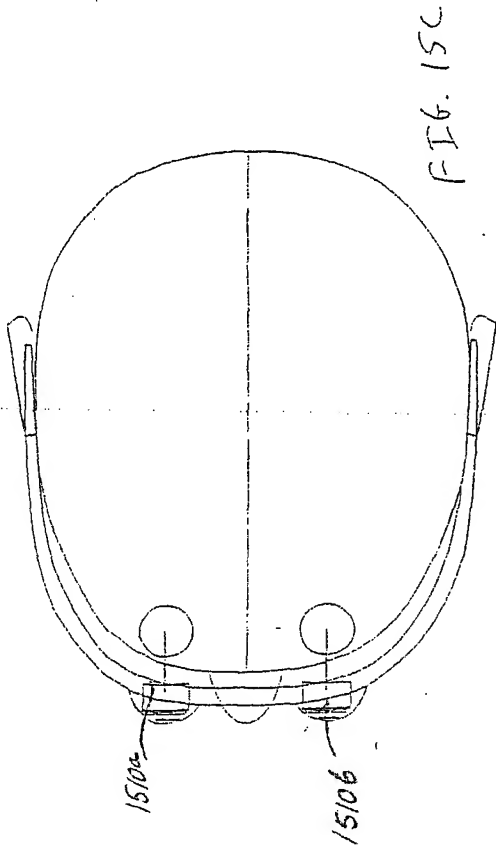
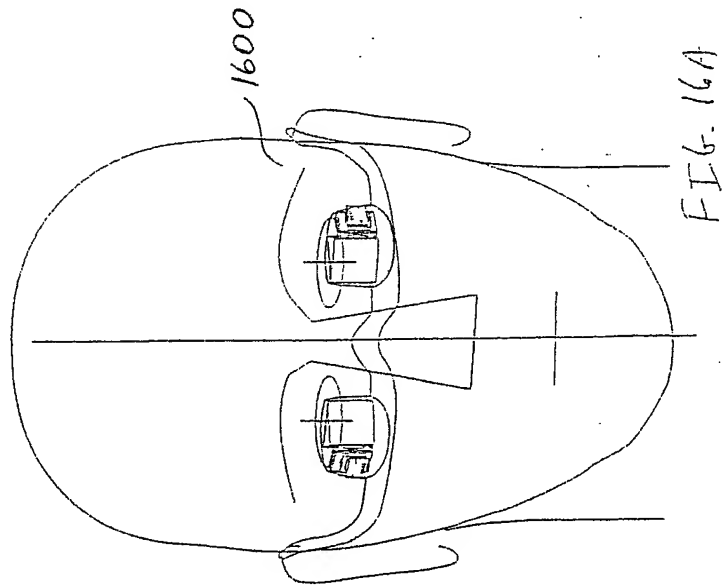
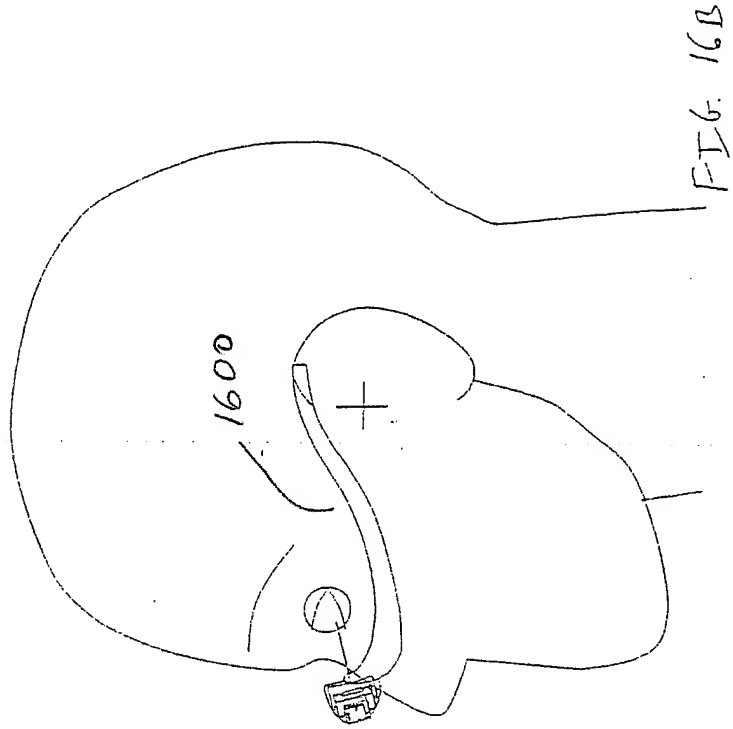
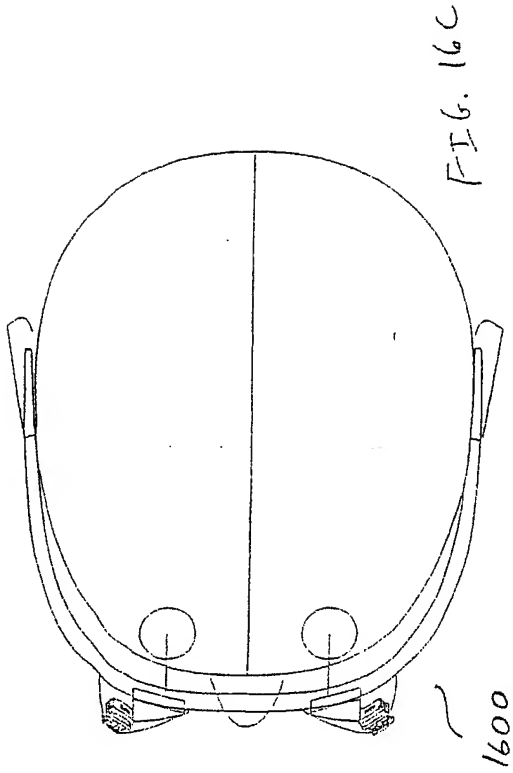
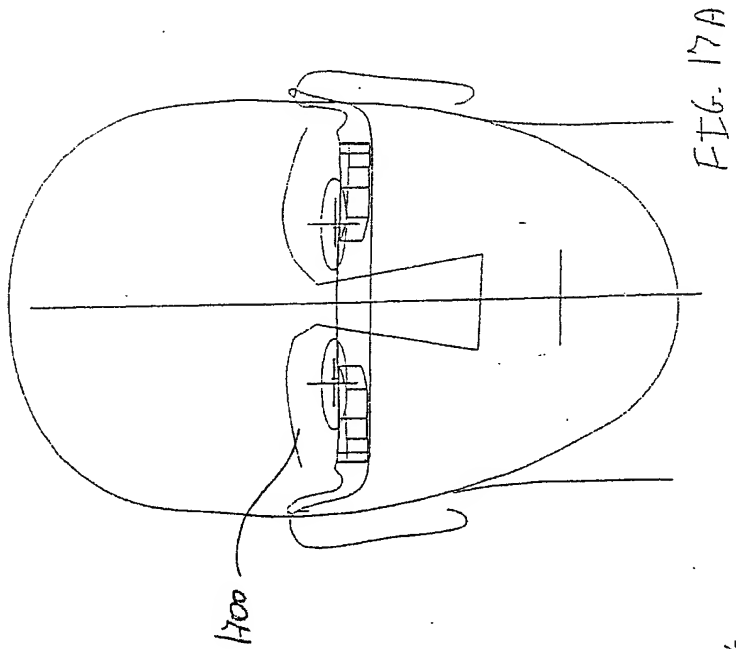
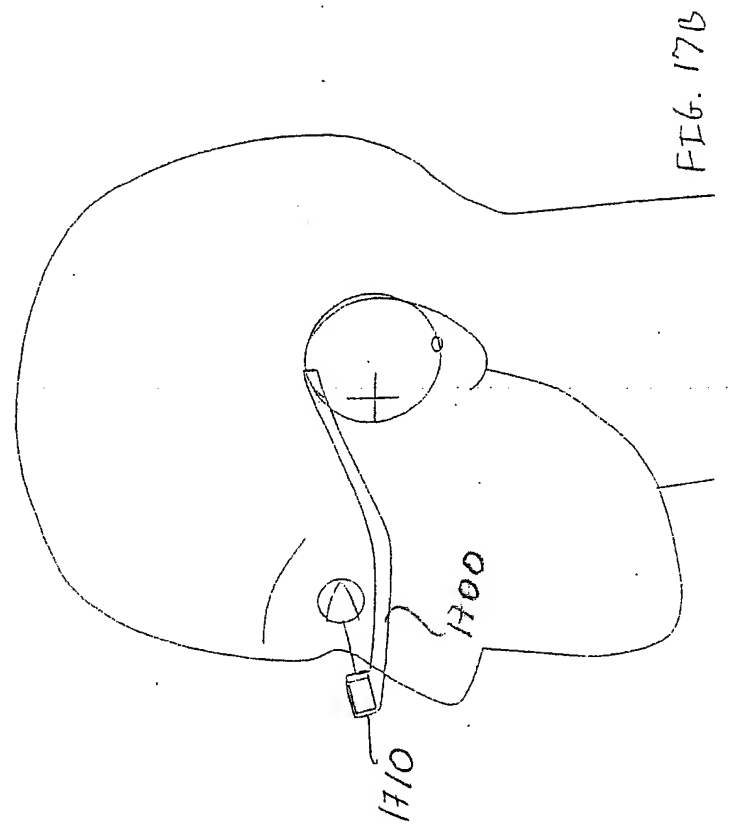
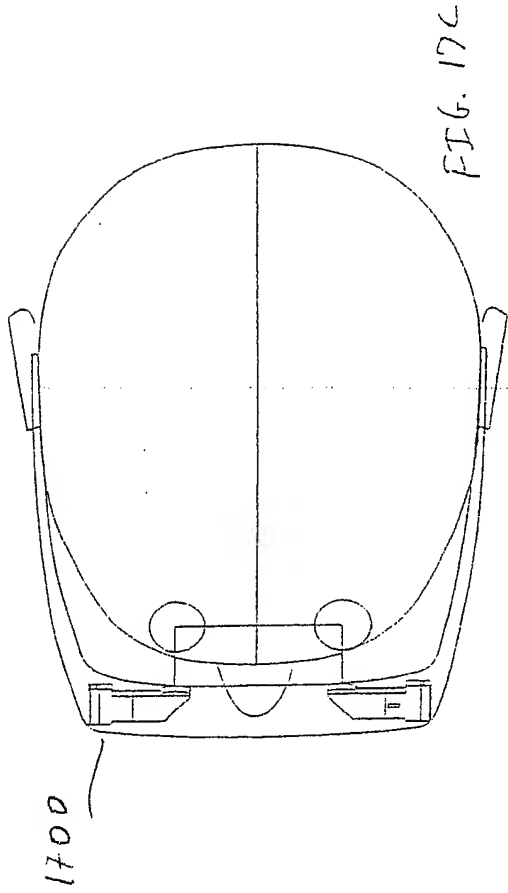
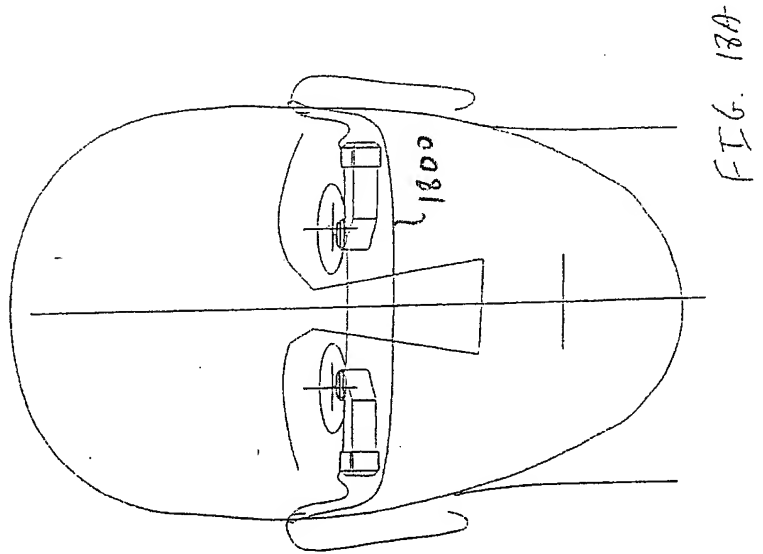
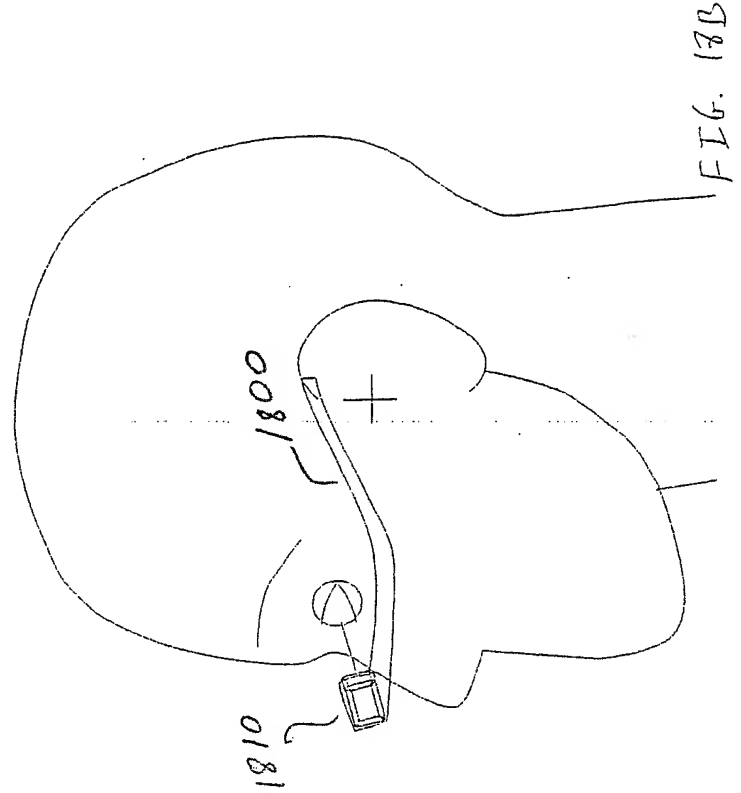
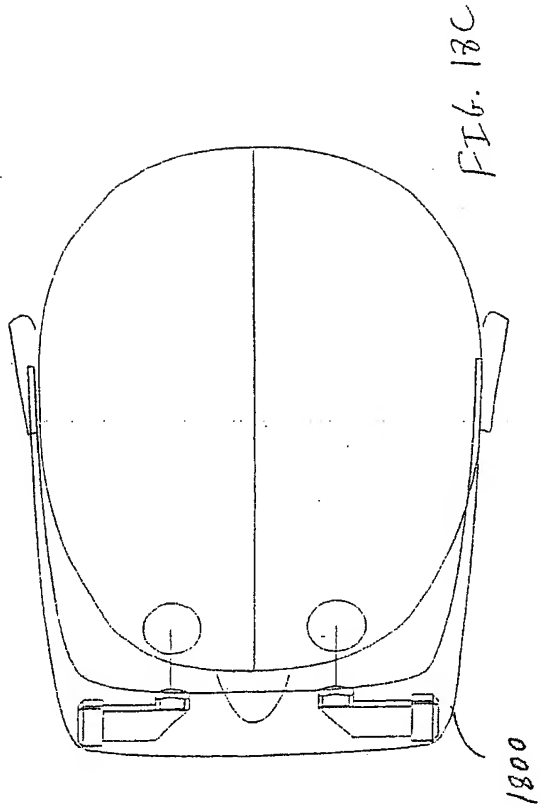


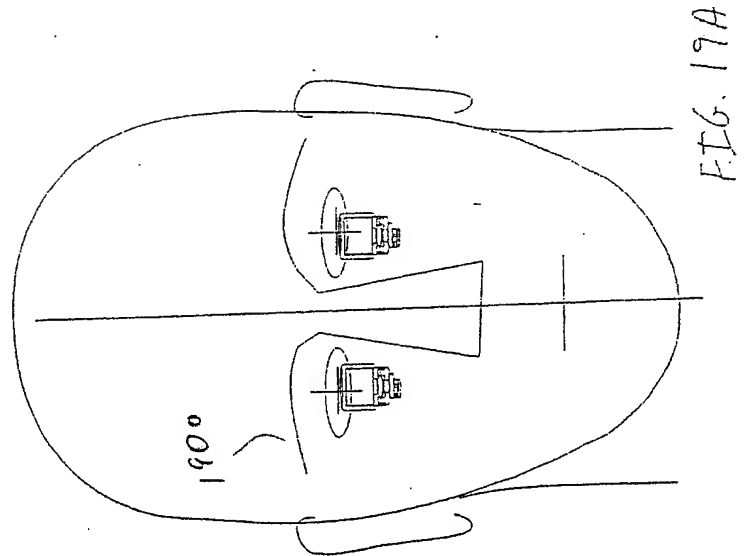
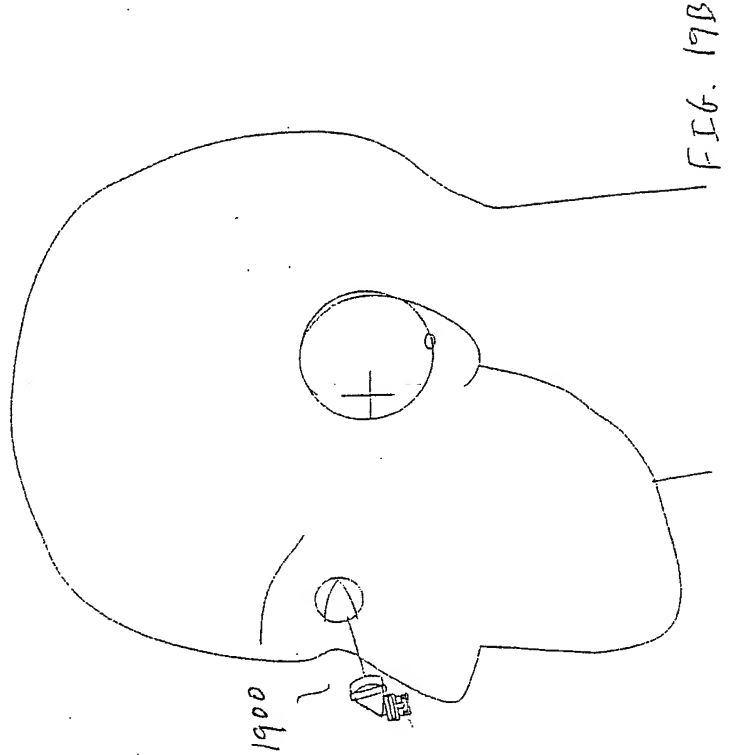
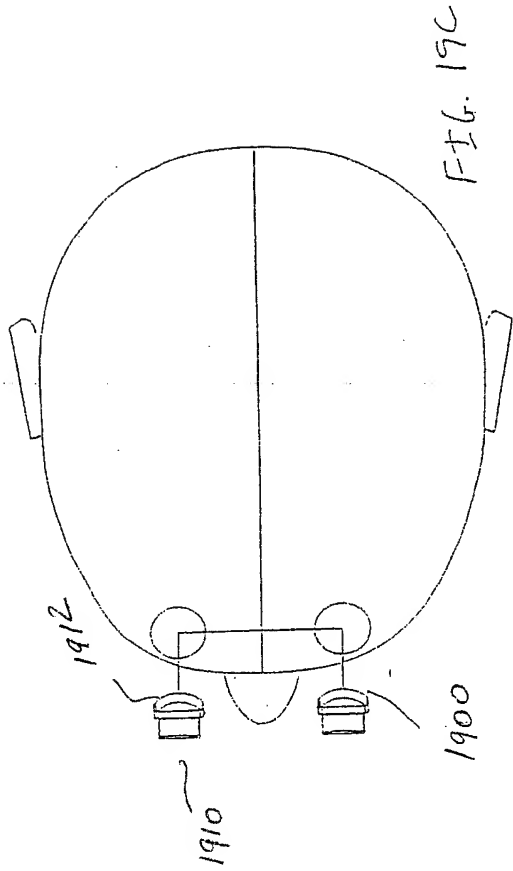
FIG. 14

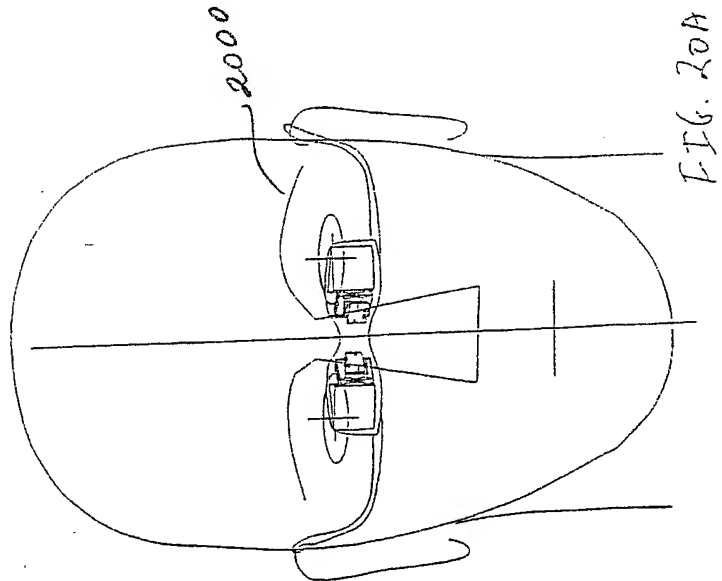
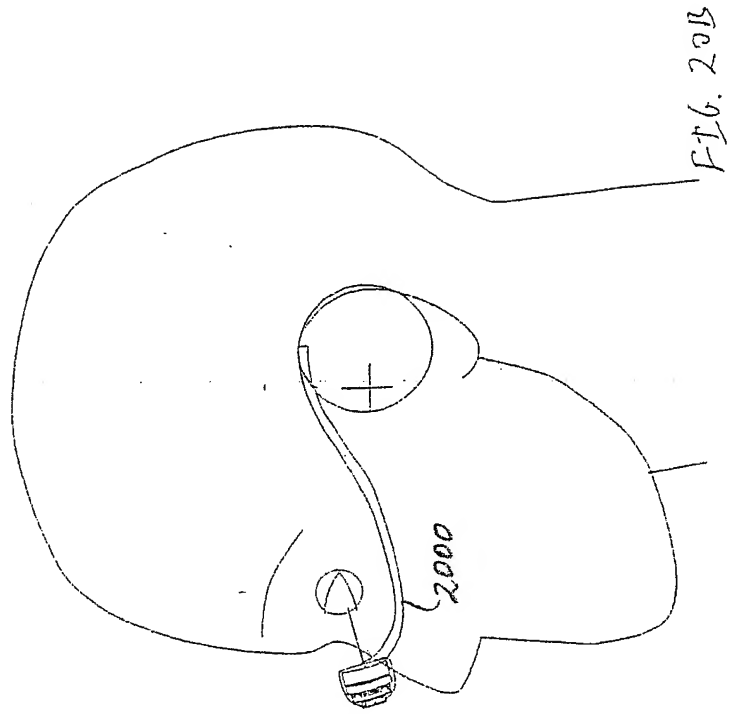
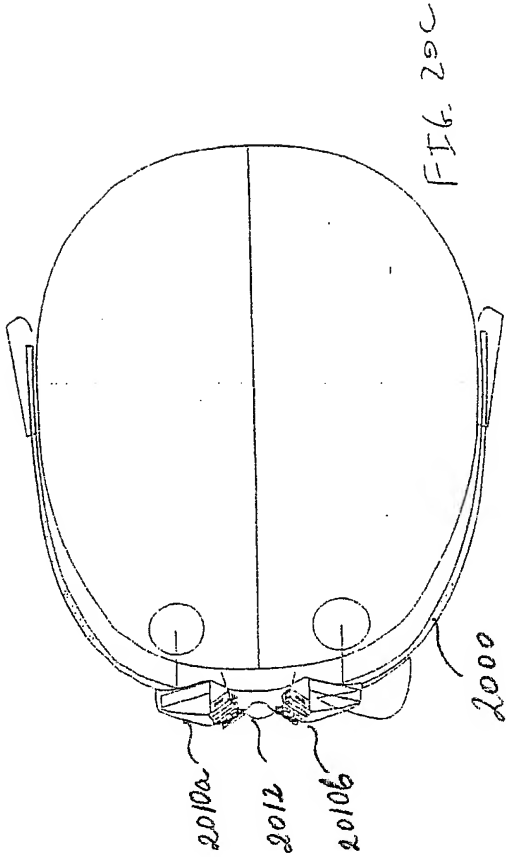












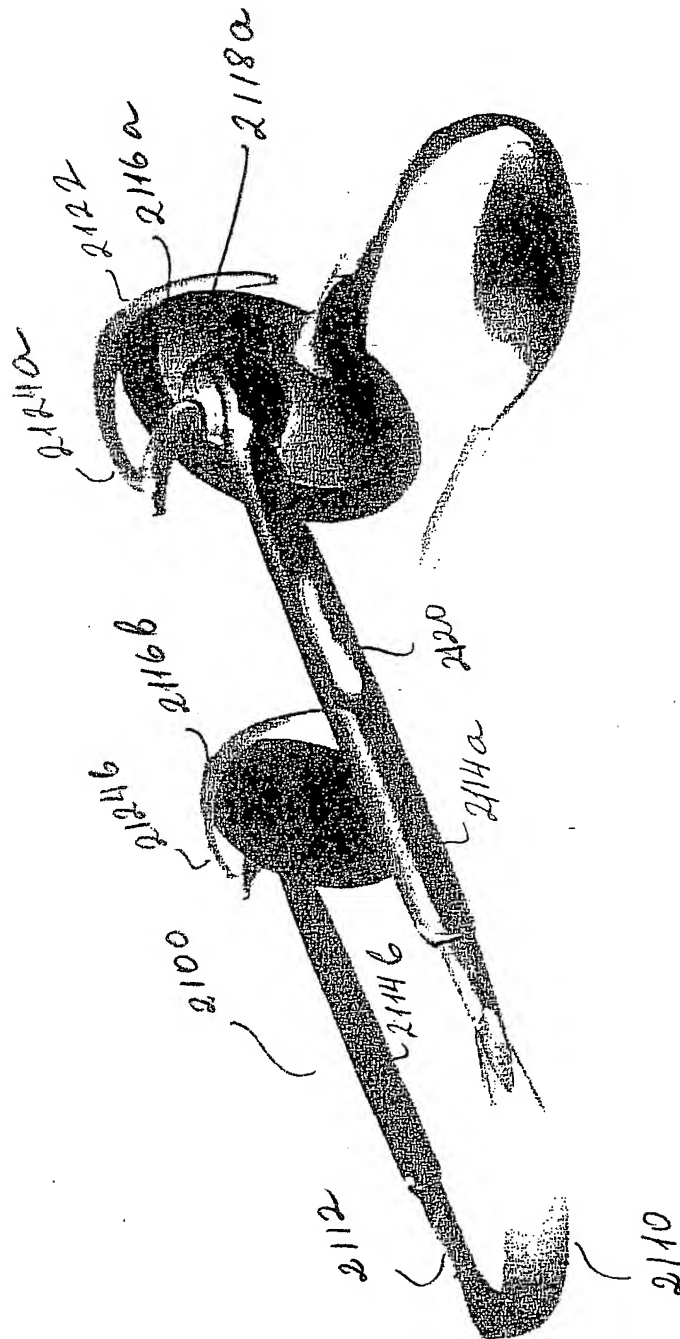


FIG. 21

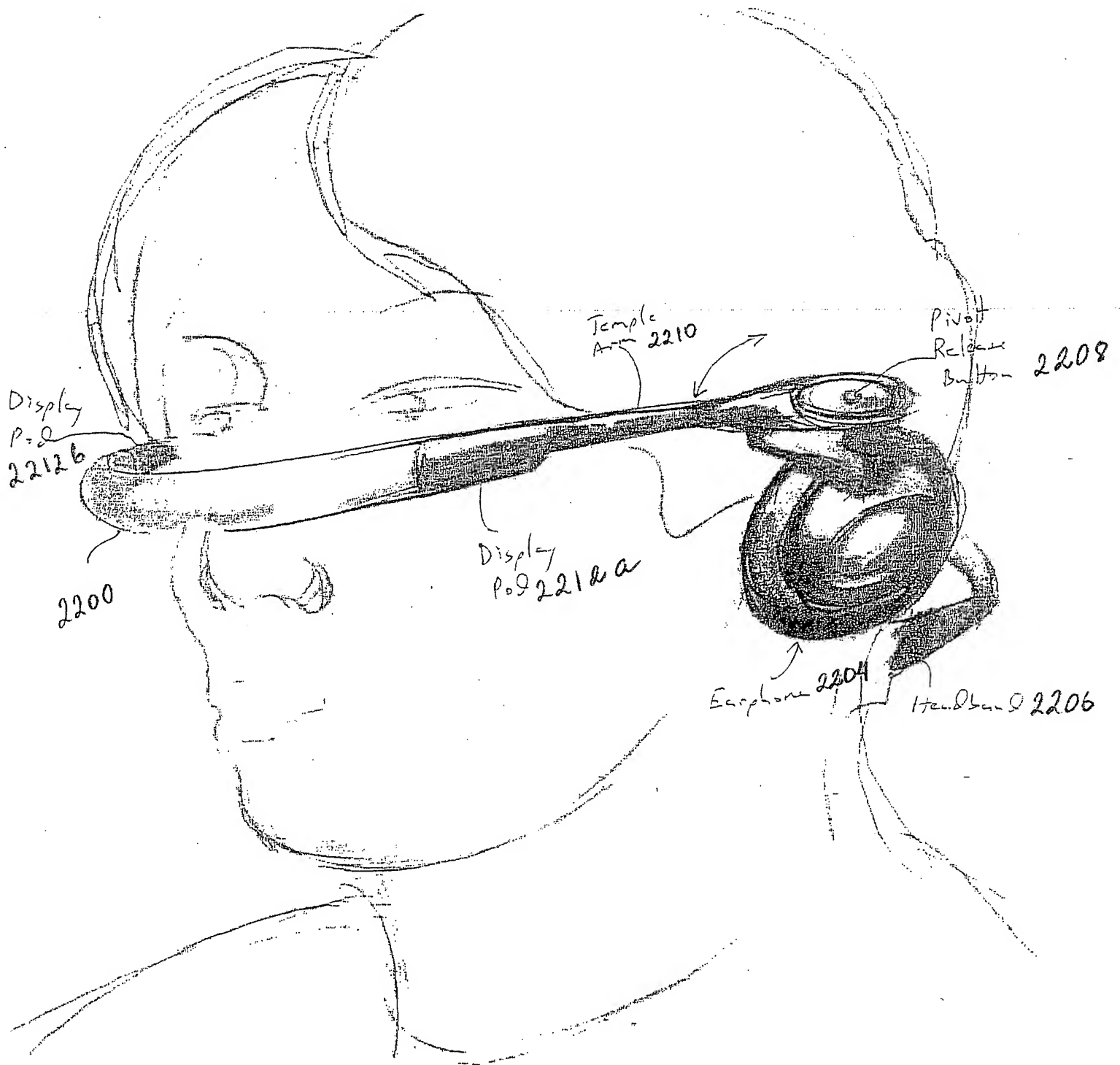


FIG. 22



FIG. 23

Docket No.: 0717.2024-008
Title: Head-Mountable Display System
Inventors: Hideki Tomine, et al.

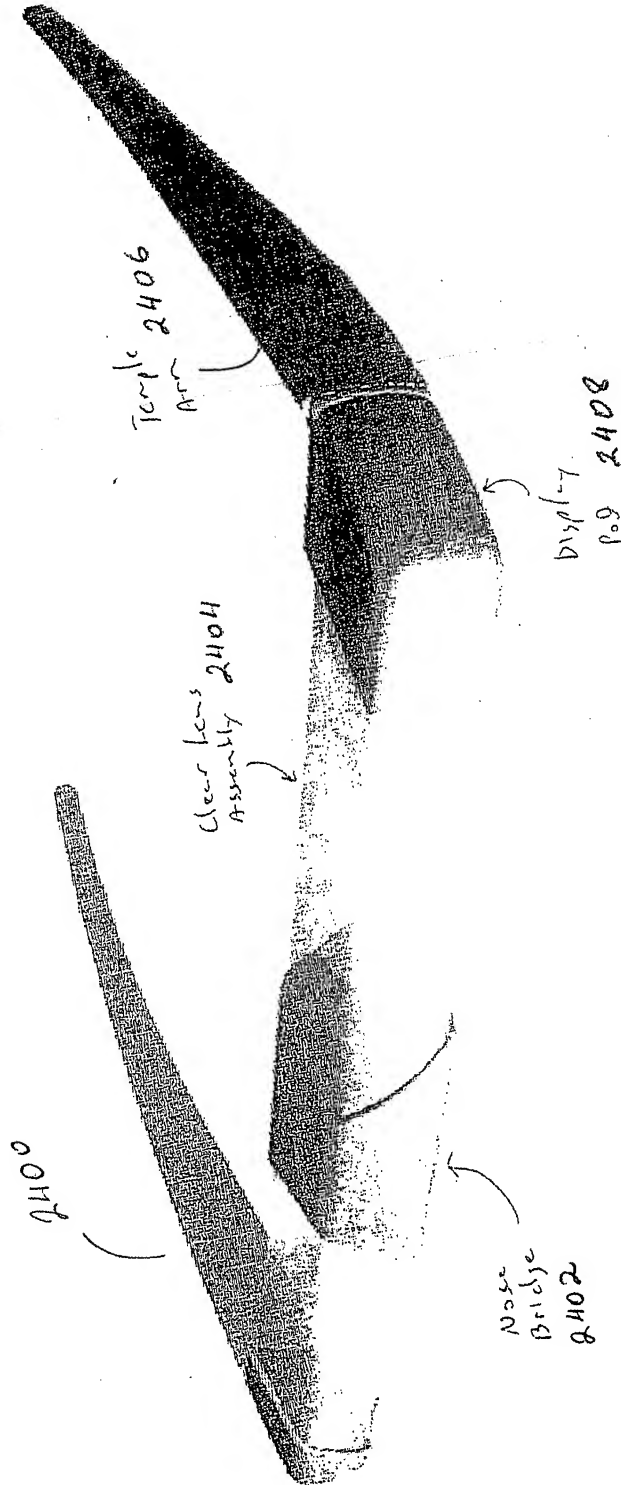
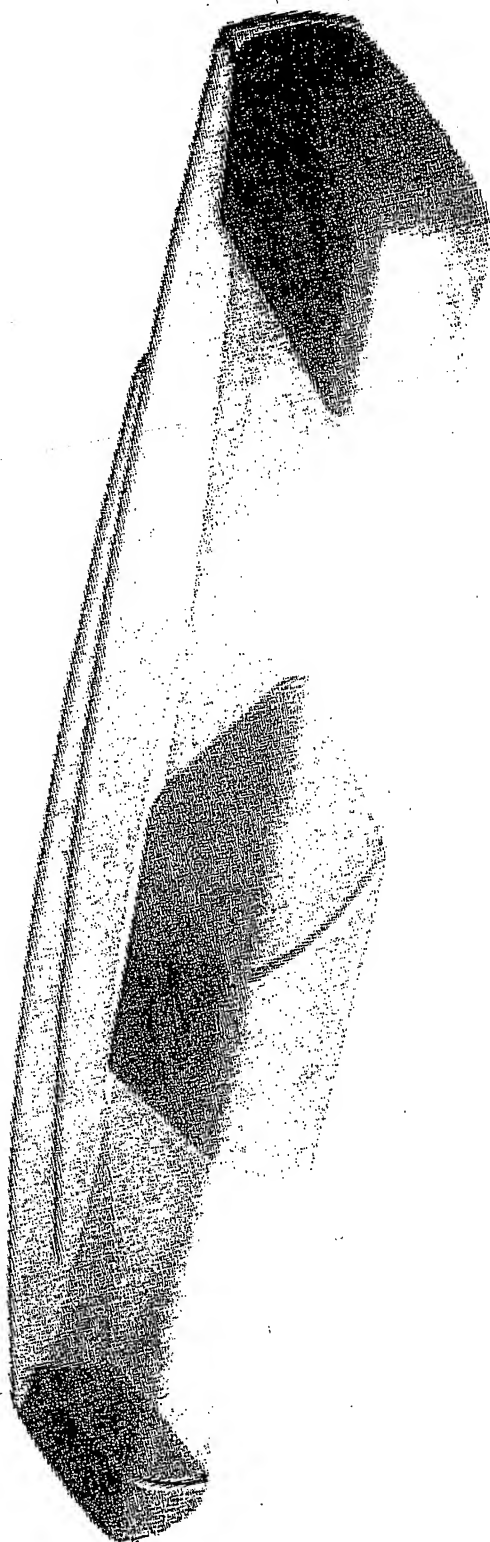


FIG. 21A

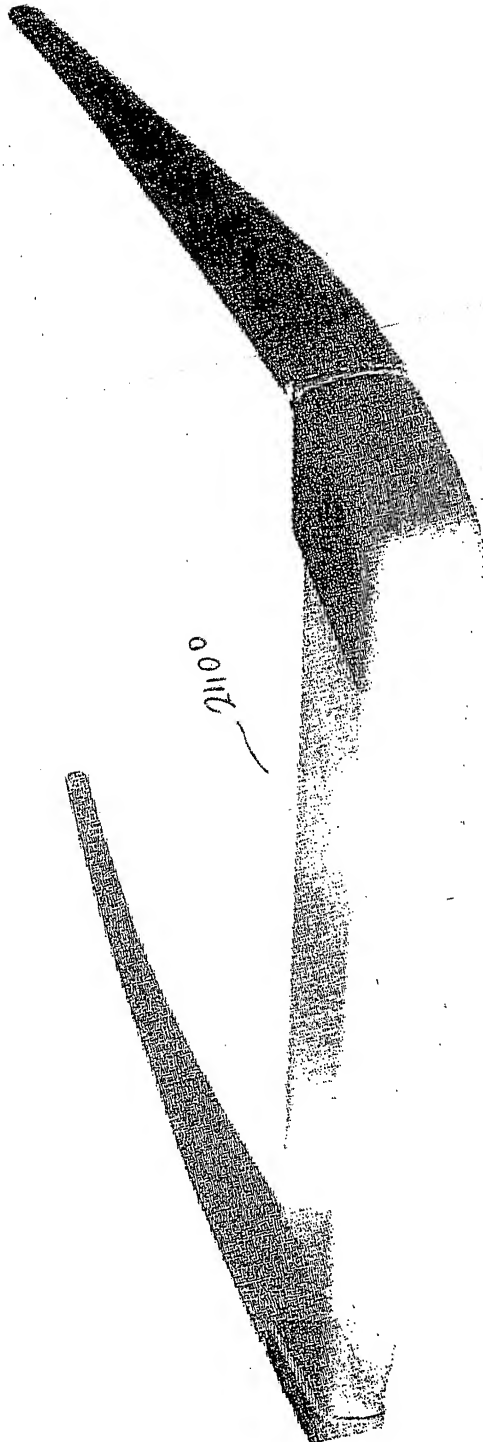
Docket No.: 0717.2024-008
Title: Head-Mountable Display System
Inventors: Hideki Tomine, et al.



0010

FIG. 24B

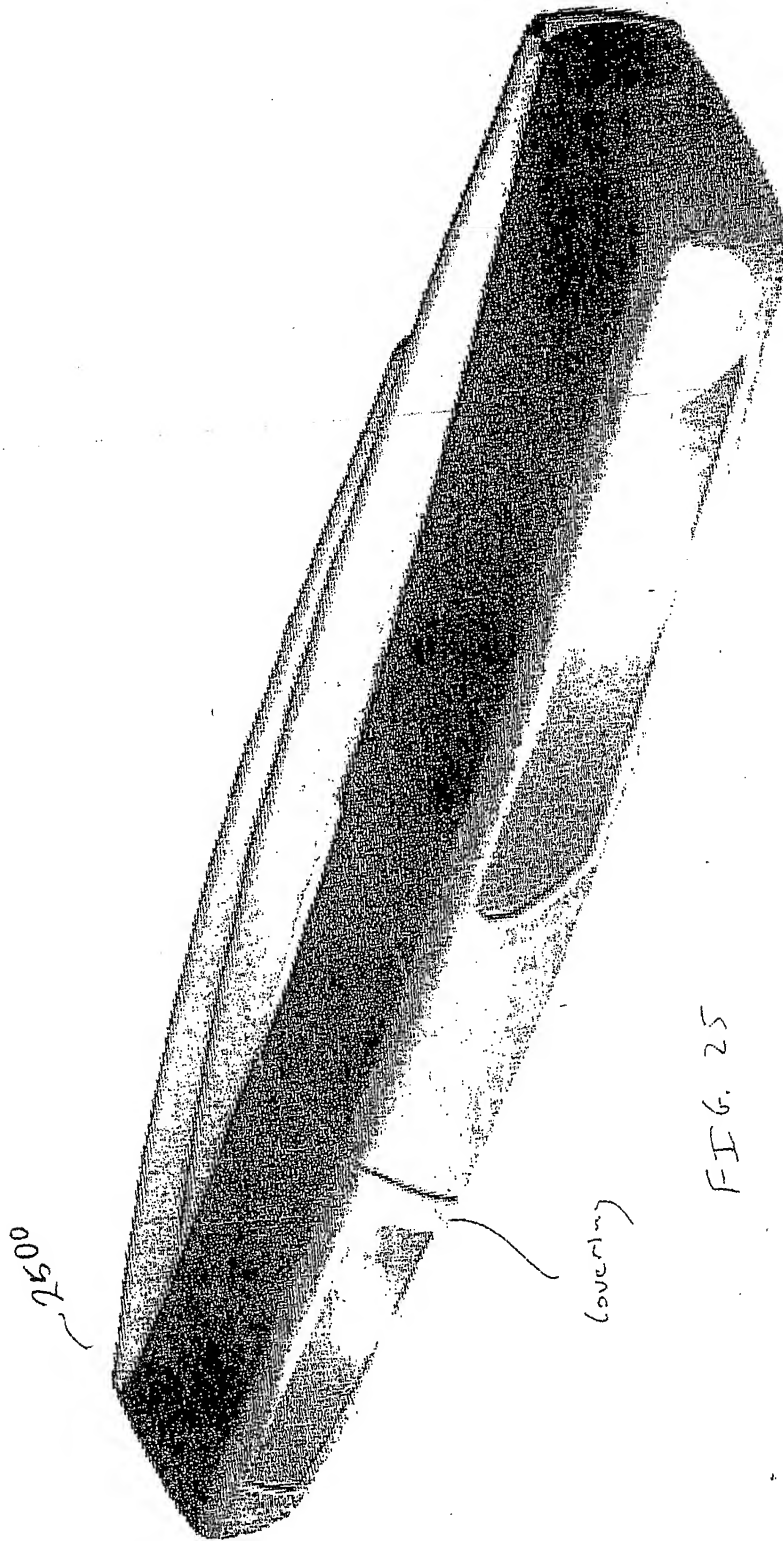
Docket No.: 0717.2024-008
Title: Head-Mountable Display System
Inventors: Hideki Tomine, et al.



21100

FIG. 24C

Docket No.: 0717.2024-008
Title: Head-Mountable Display System
Inventors: Hideki Tomine, *et al.*



Docket No.: 0717.2024-008
Title: Head-Mountable Display System
Inventors: Hideki Tomine, *et al.*

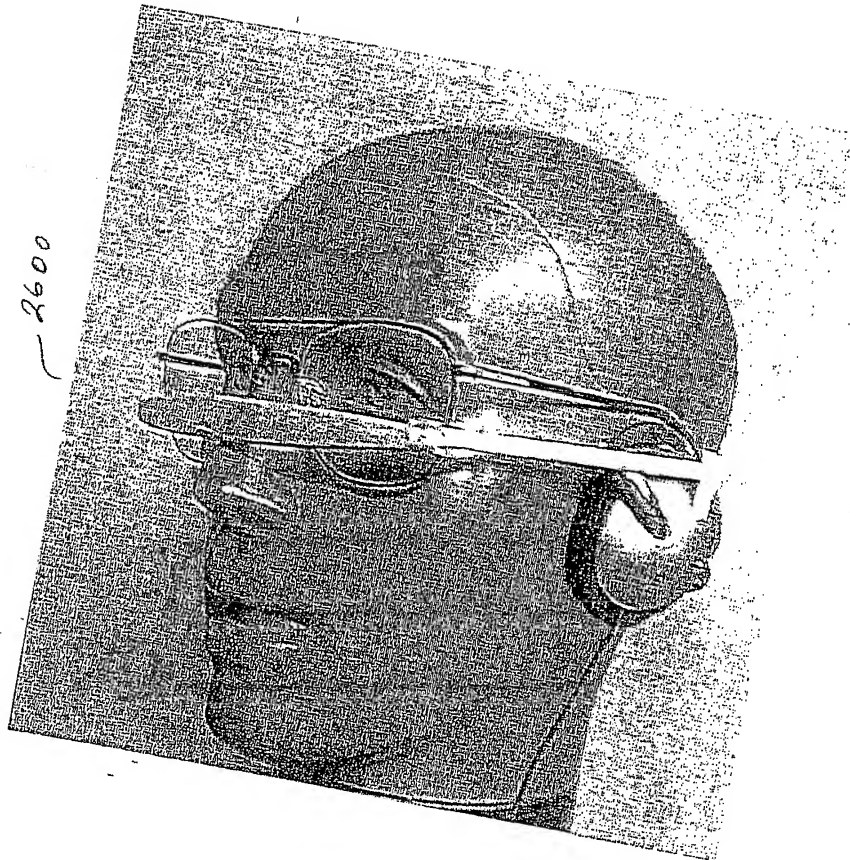


FIG. 26

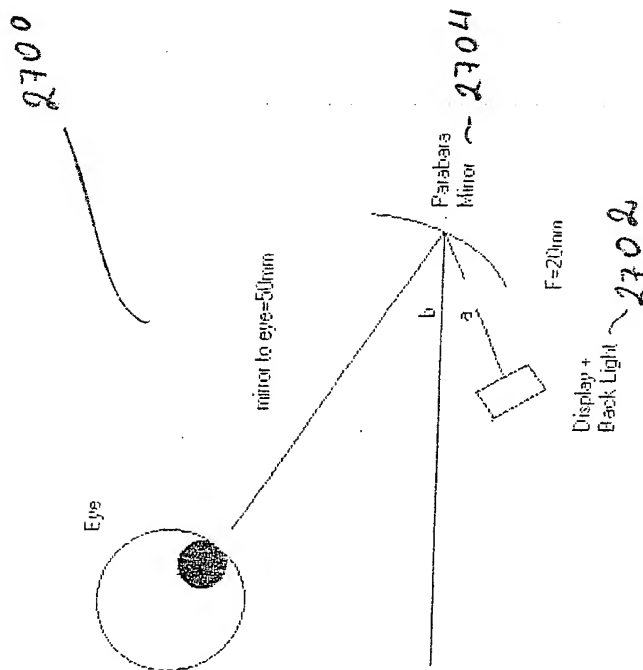


FIG. 27

OPTICS LAYOUT

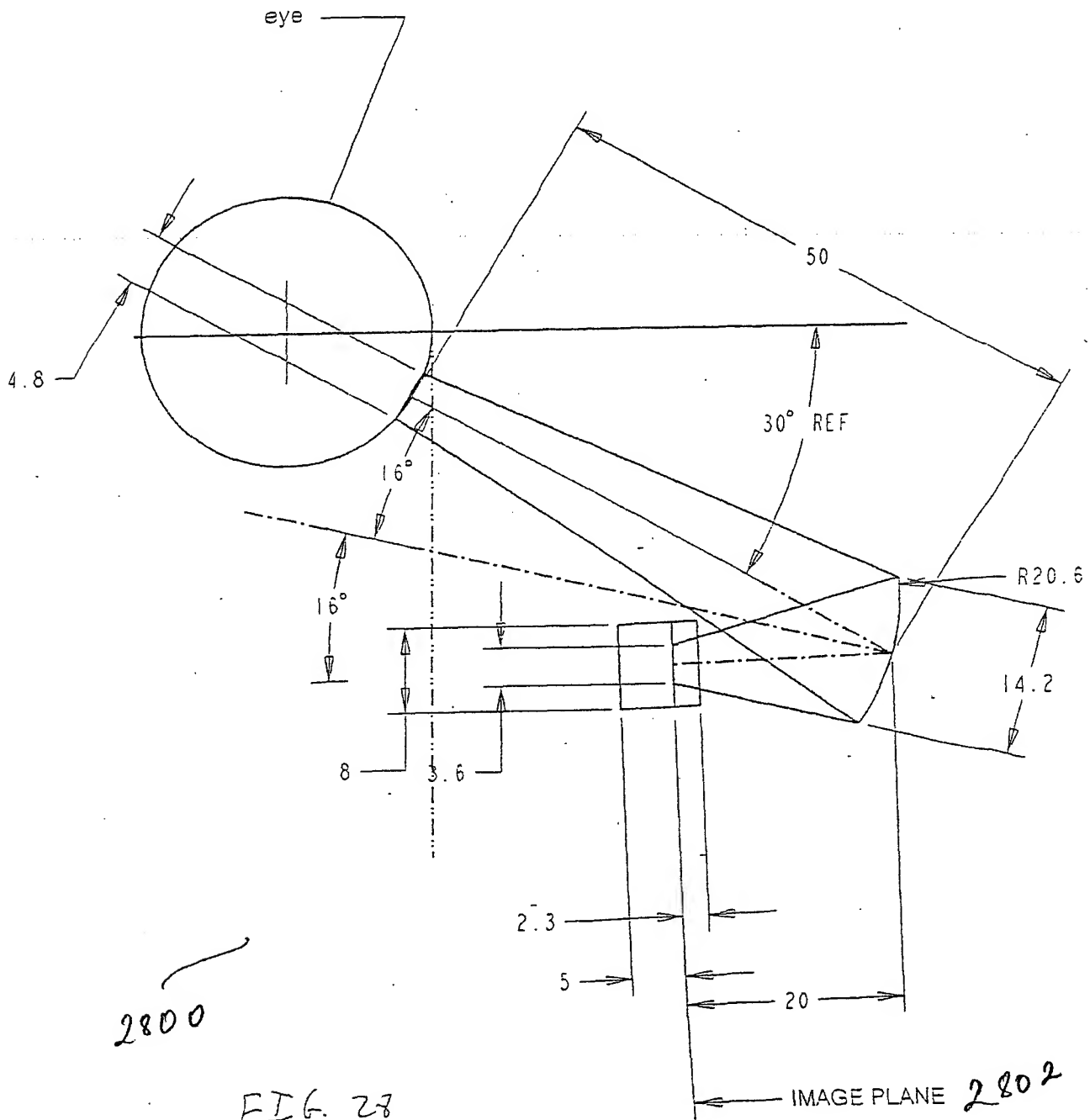
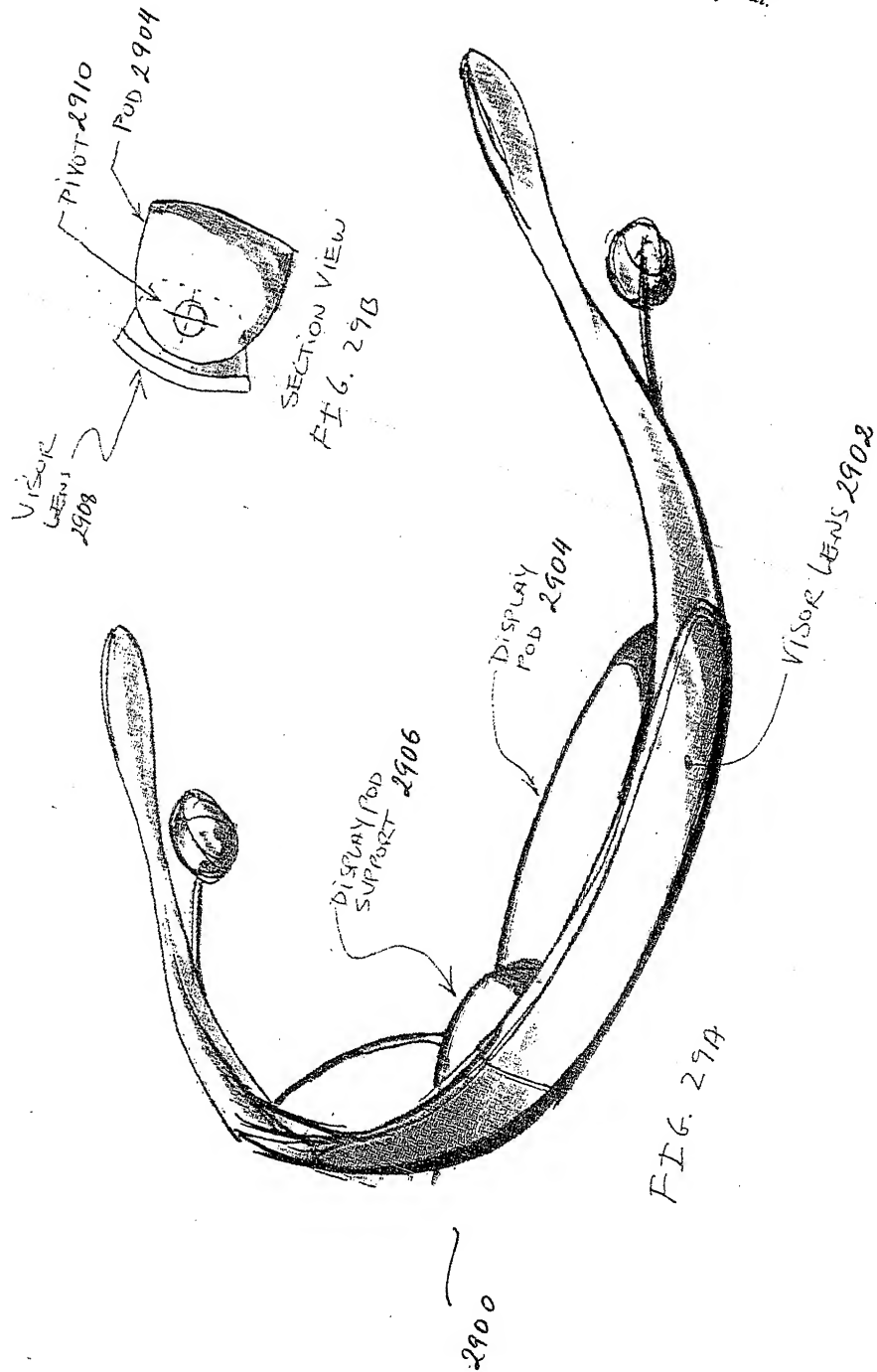


FIG. 27

Docket No.: 0717.2024-008
Title: Head-Mountable Display System
Inventors: Hideki Tomine, et al.



Docket No.: 0717.2024-008
Title: Head-Mountable Display System
Inventors: Hideki Tomine, et al.

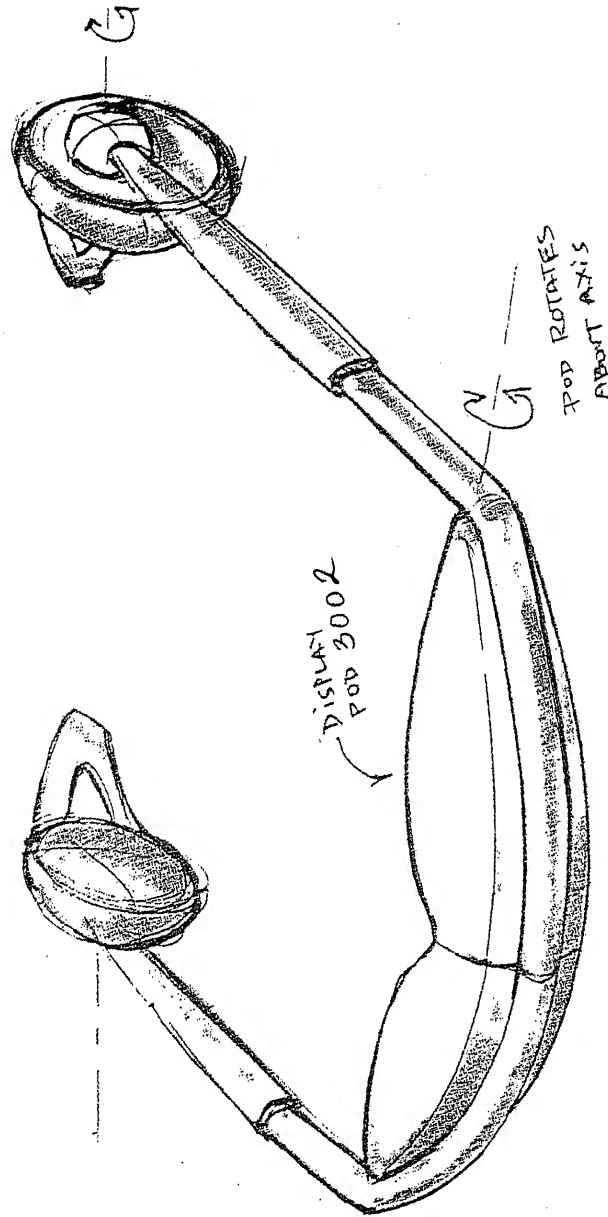


FIG. 30

Docket No.: 0717.2024-008
Title: Head-Mountable Display System
Inventors: Hideki Tomine, *et al.*

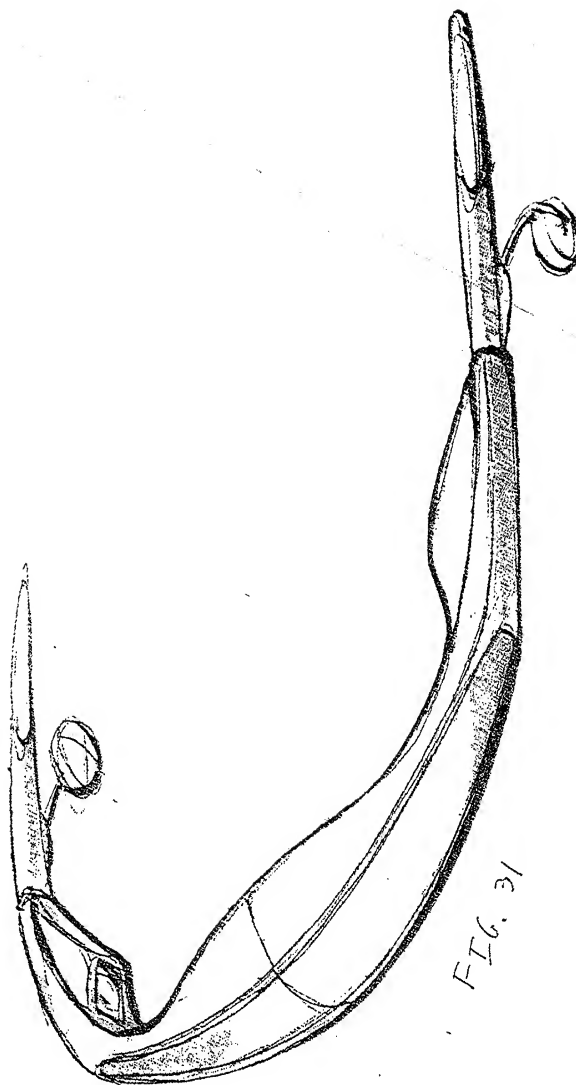


FIG. 31

3/00

FIG. 32A

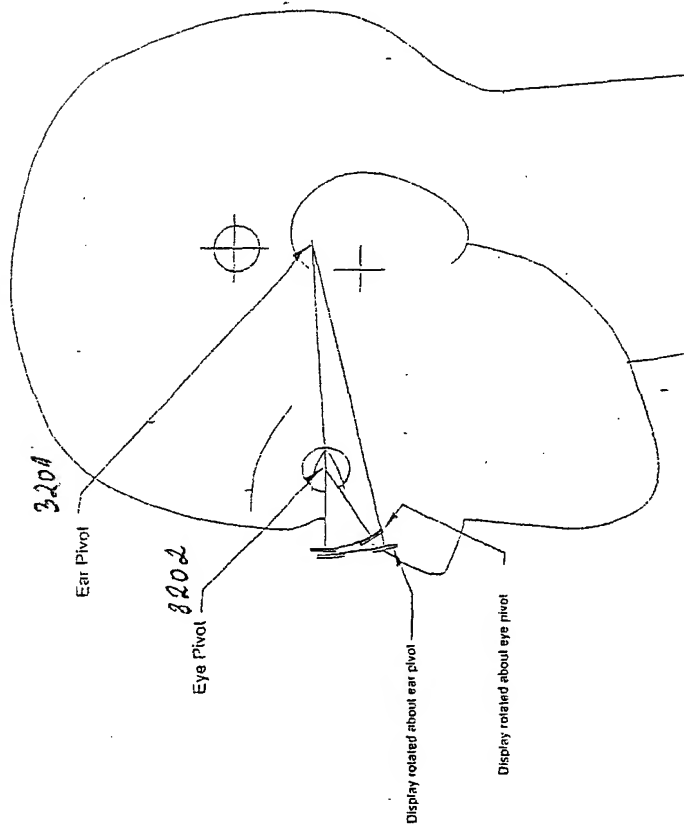
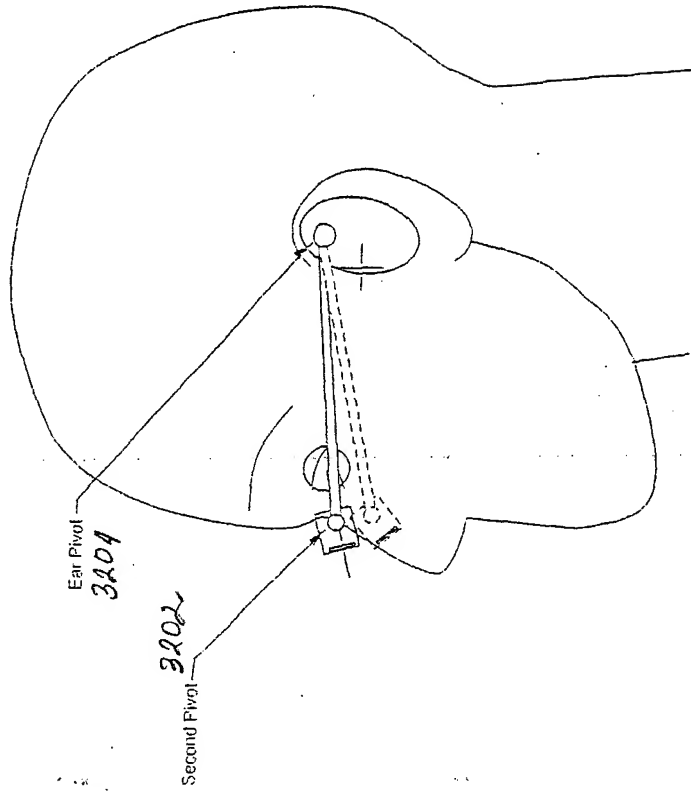
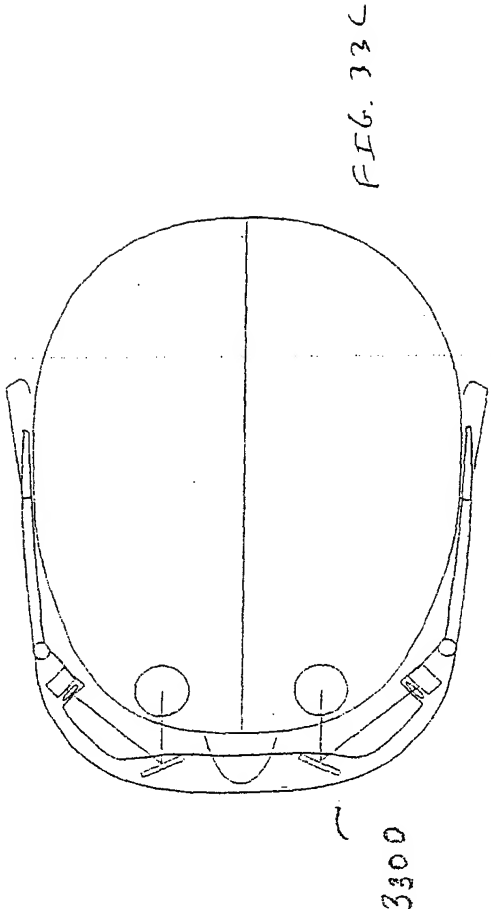


FIG. 32B



Mirror Lens System
(25mm Eye Relief)



Note:

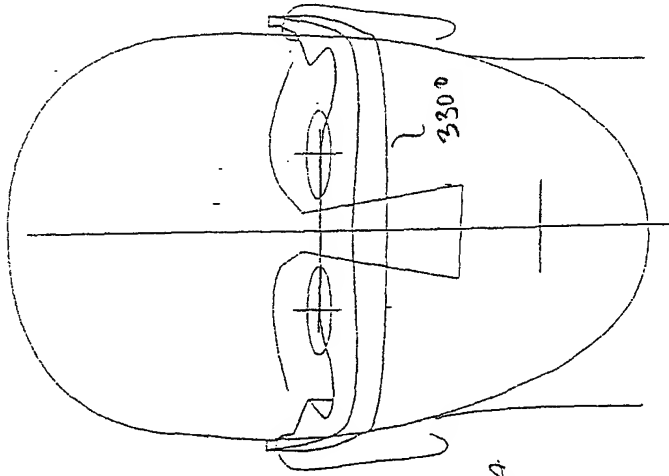


FIG. 33A

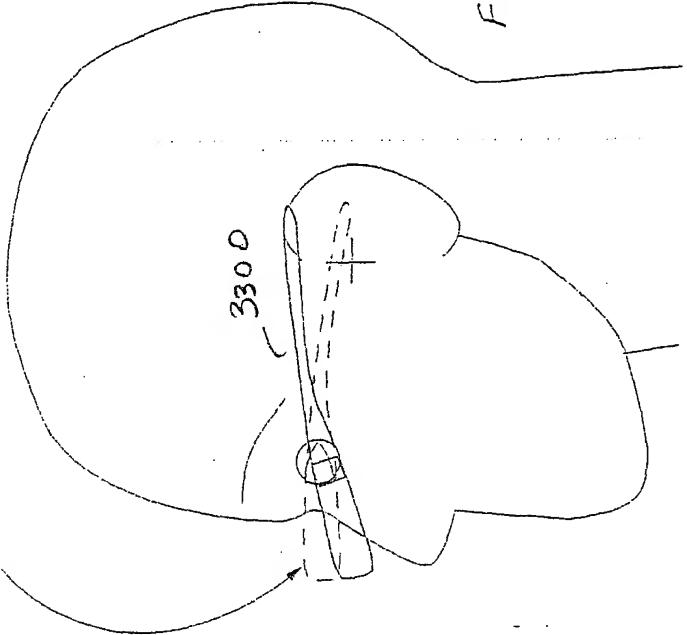
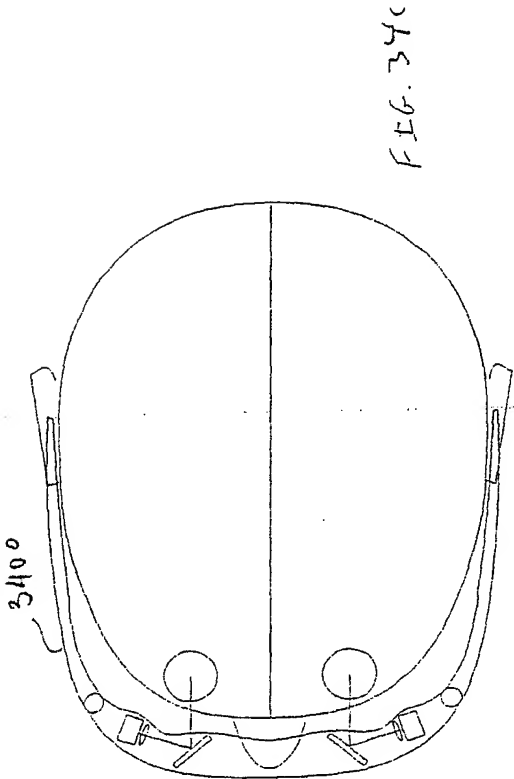


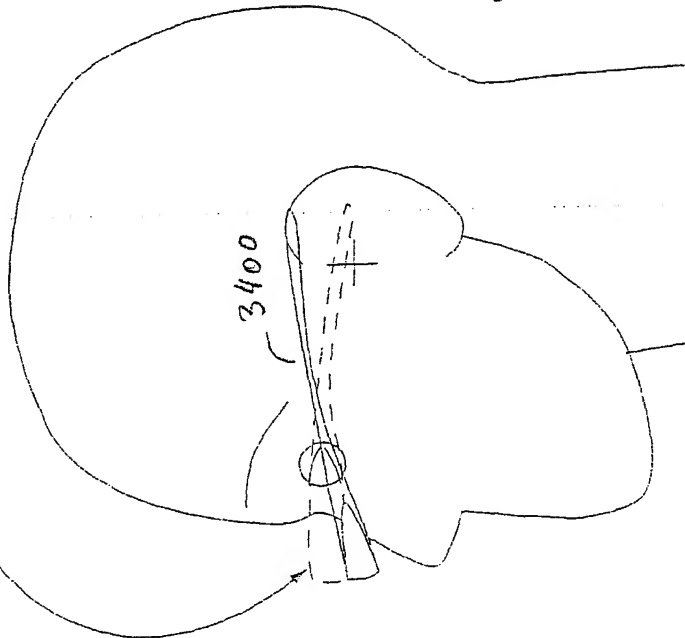
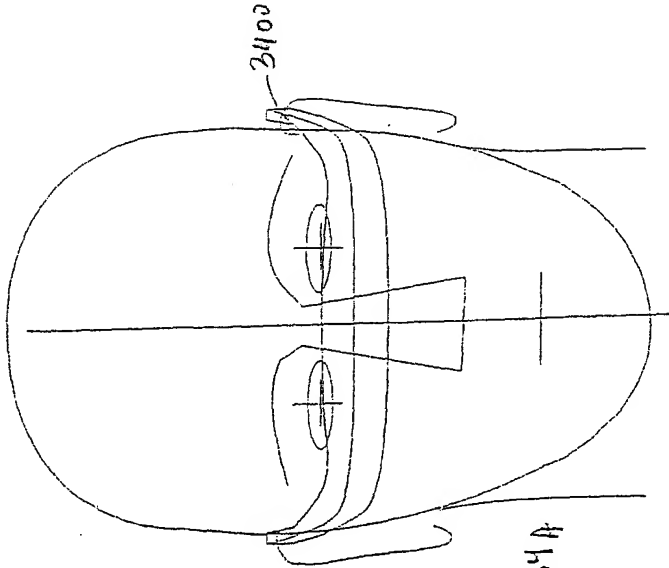
FIG. 33B

Mirror Lens System

(25mm Eye Relief)



Note: Top View shows headset in horizontal orientation -- see dashed lines below



34C

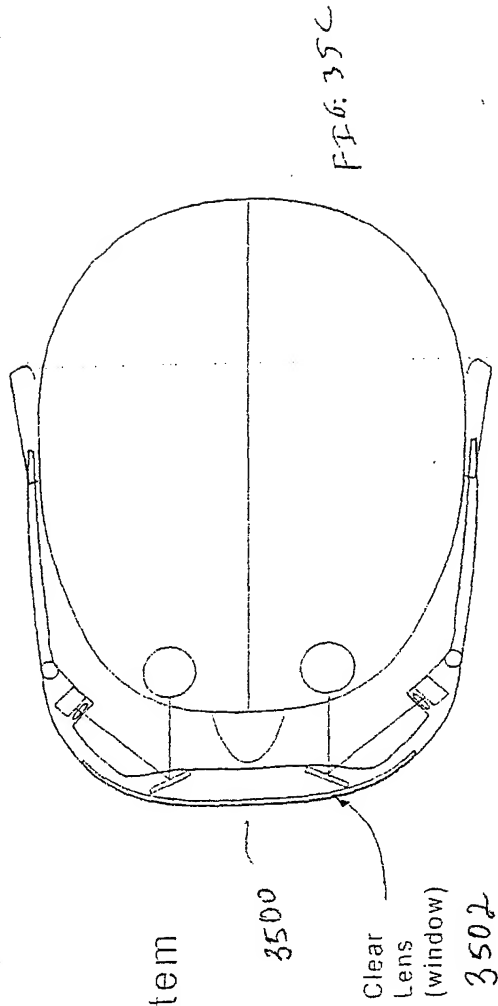
34A

FIG. 34C

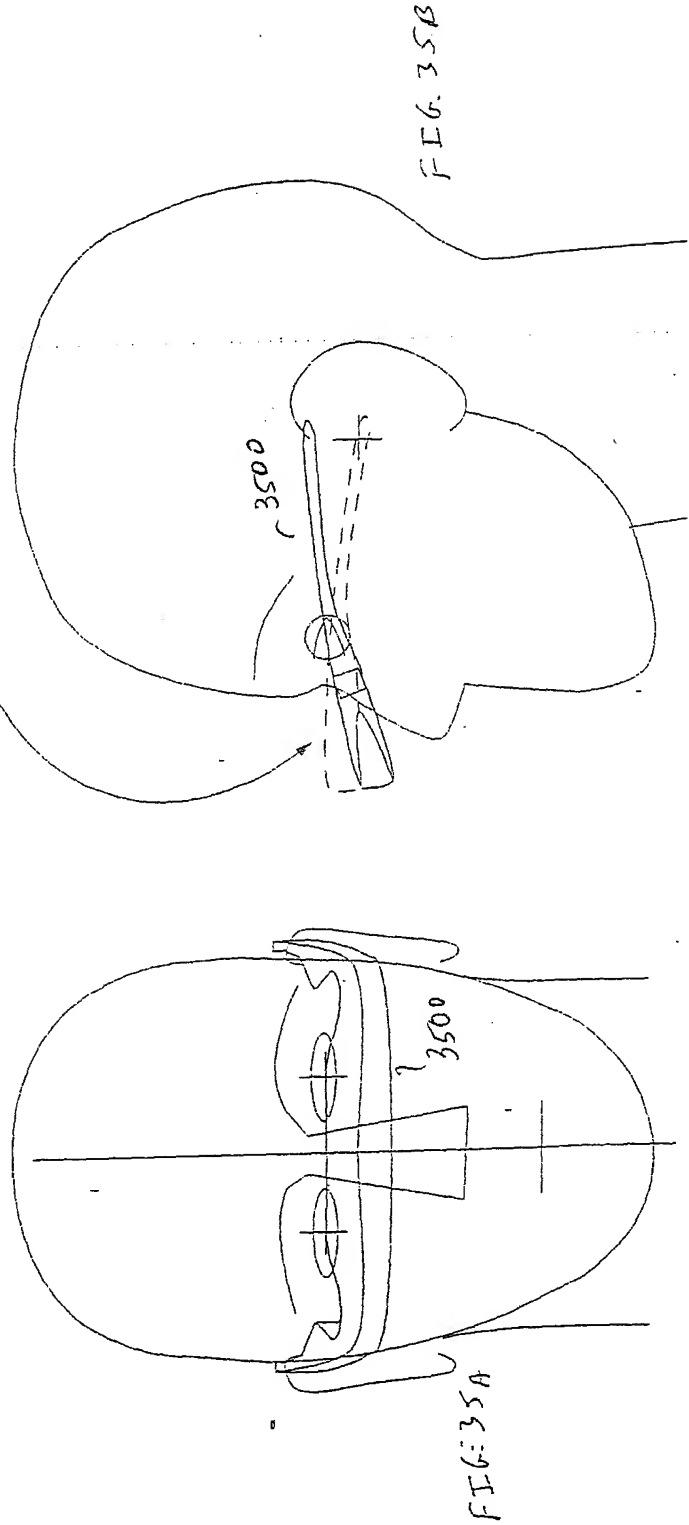
FIG. 34B

FIG. 34A

Mirror Lens System
(50mm Eye Relief)



Note: Top View shows headset in horizontal orientation -- see dashed lines below



Mirror Lens System

(50mm Eye Relief)

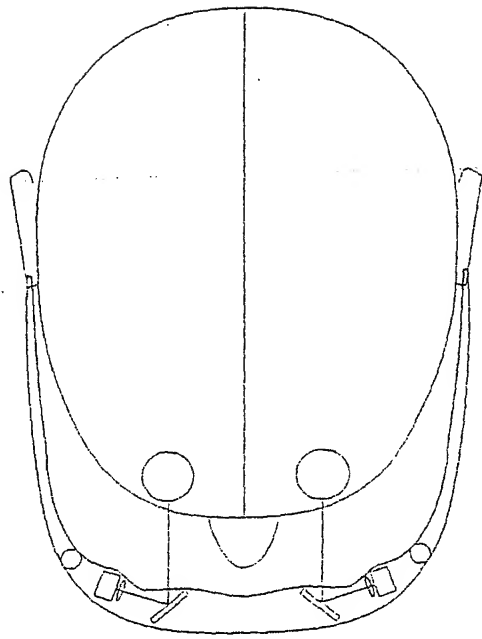


FIG. 36C

Note: Top View shows headset in horizontal orientation -- see dashed lines below

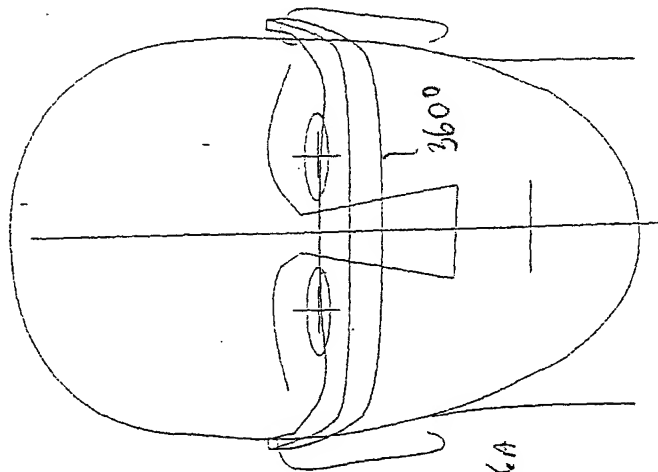


FIG. 36A

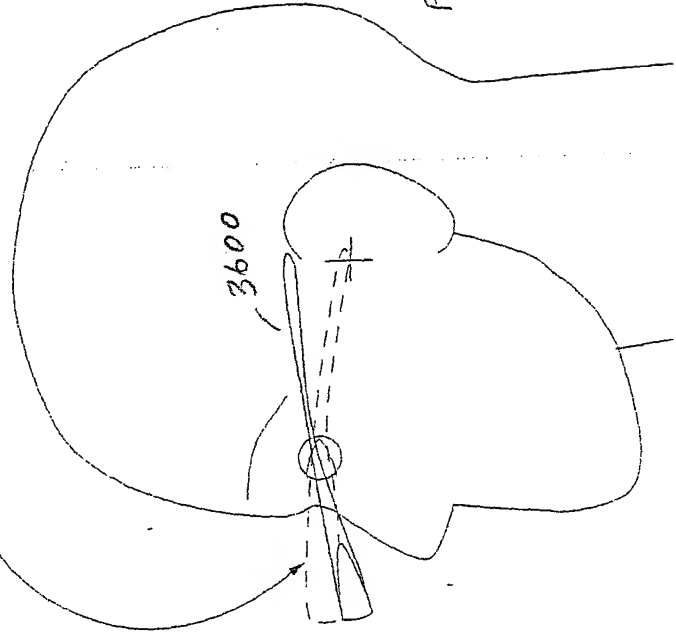


FIG. 36B

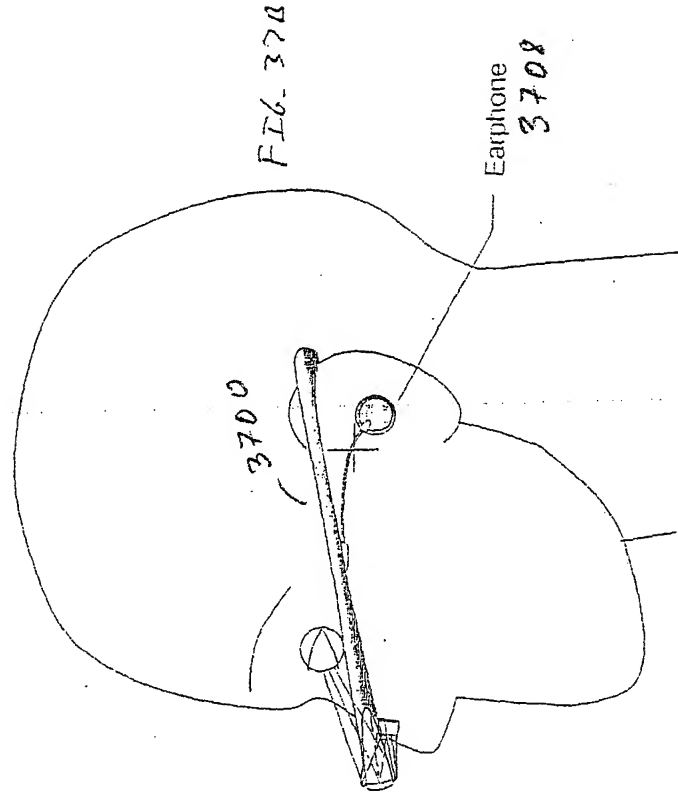
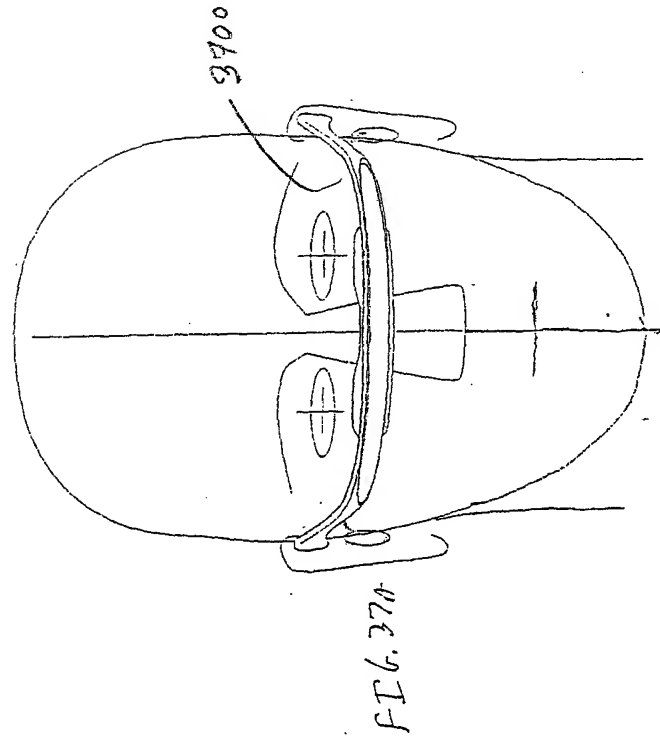
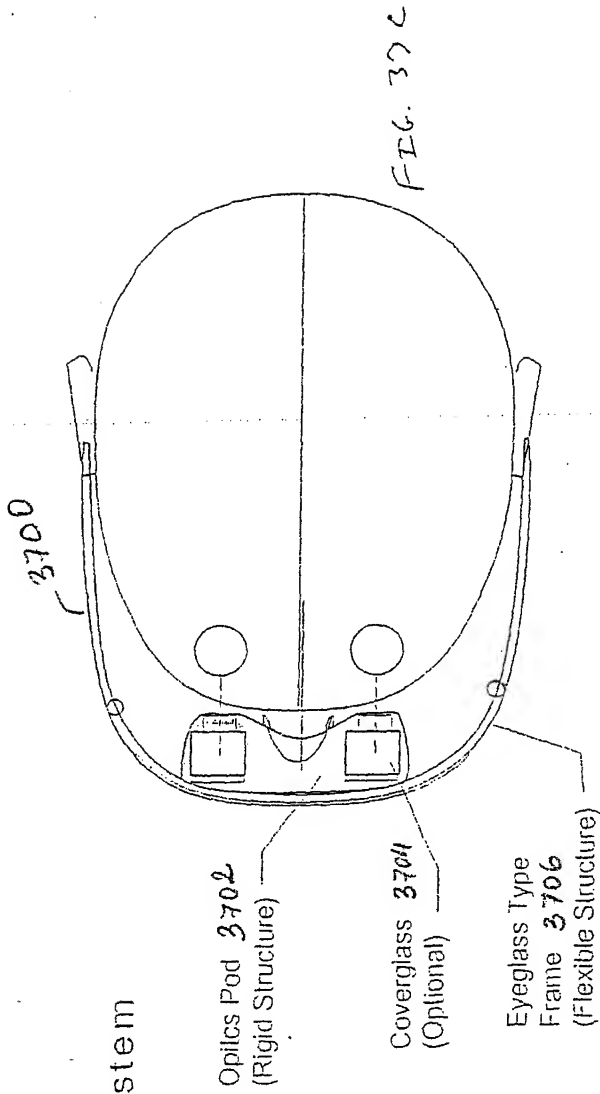
36A 36B

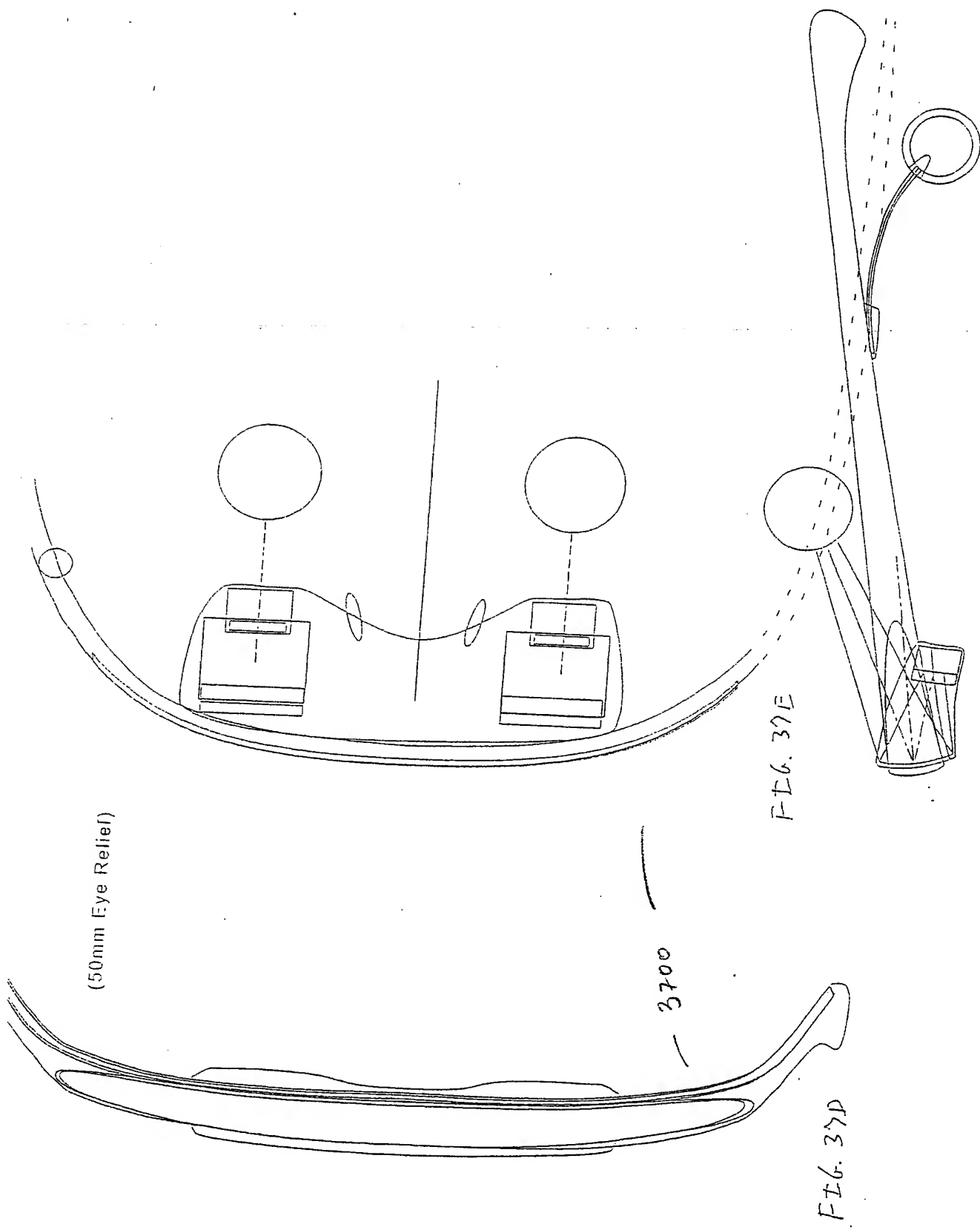
3600

36C

Mirror Lens System

(50mm Eye Relief)





(50mm Eye Relief)

Panorama Scope Image

Display Image

Panorama Scope Image to the eye

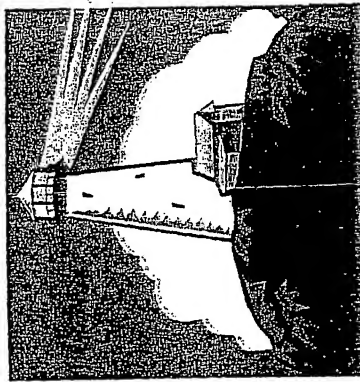


FIG. 38A

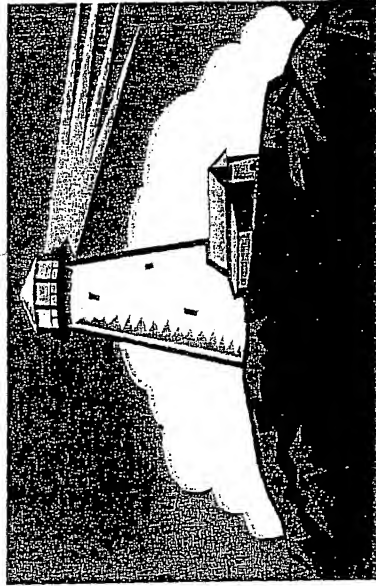


FIG. 38B

Panorama Scope
(Exit Pupil Design to accommodate IPD)

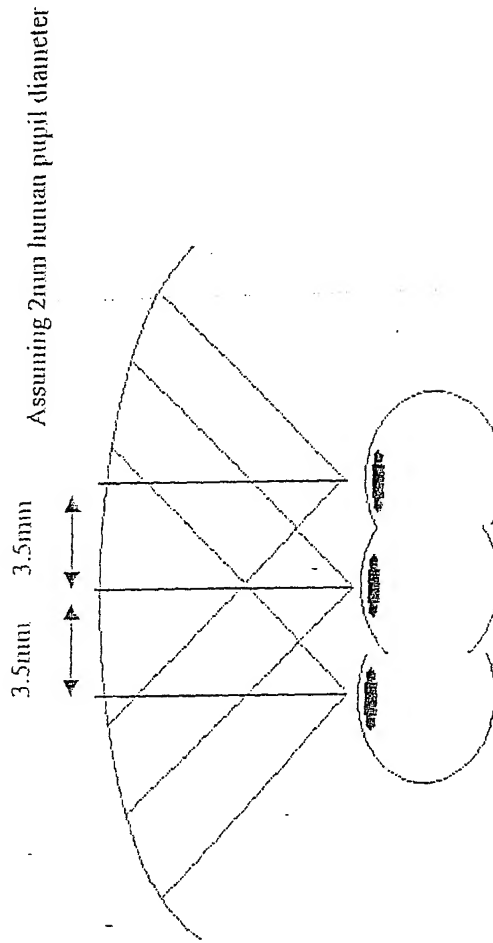


FIG. 39

Optical Characteristics by Mirror

	Case 1	Case 2
FOV	20deg	28deg
Eye Relief	50mm	50mm
Exit Pupil	V 4mm	V 4mm
	H 8mm	H 8mm
Shape of Mirror	wide rectangular	wide rectangular
F	20mm	20mm
Display Image	HDTV like	HDTV like

FIG. 40

HMD

with Mirror Optics

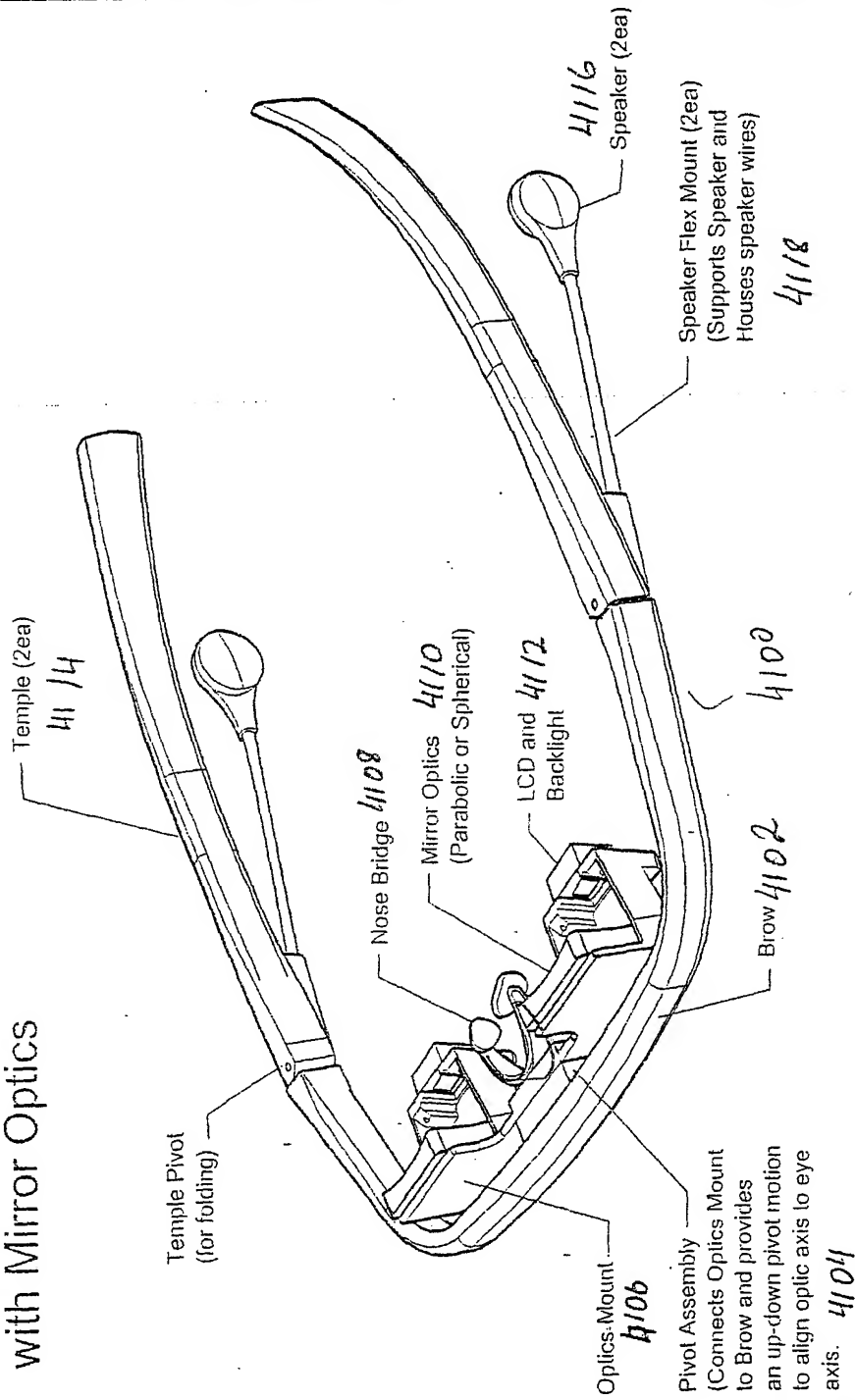


FIG. 41

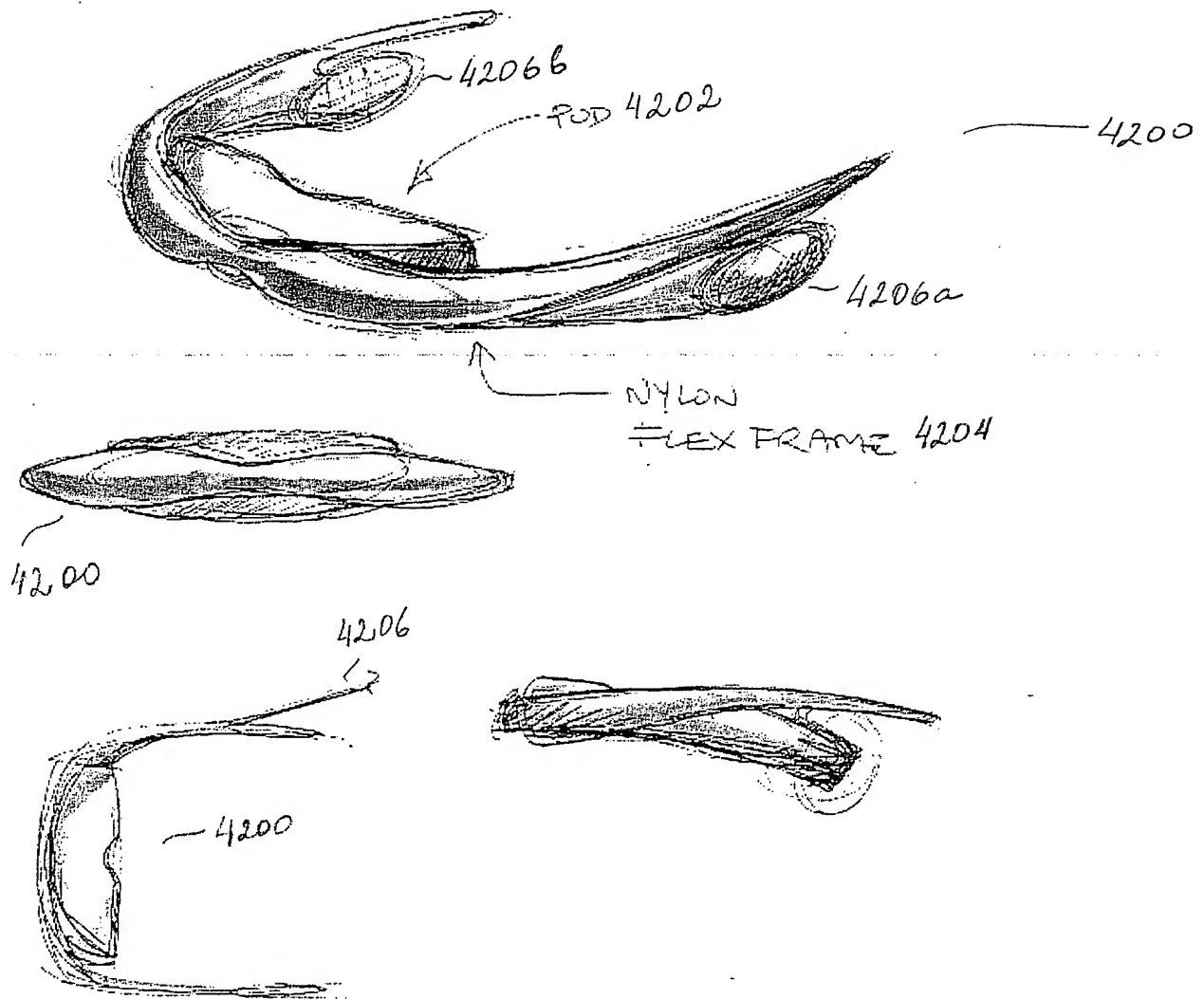


Fig. 42

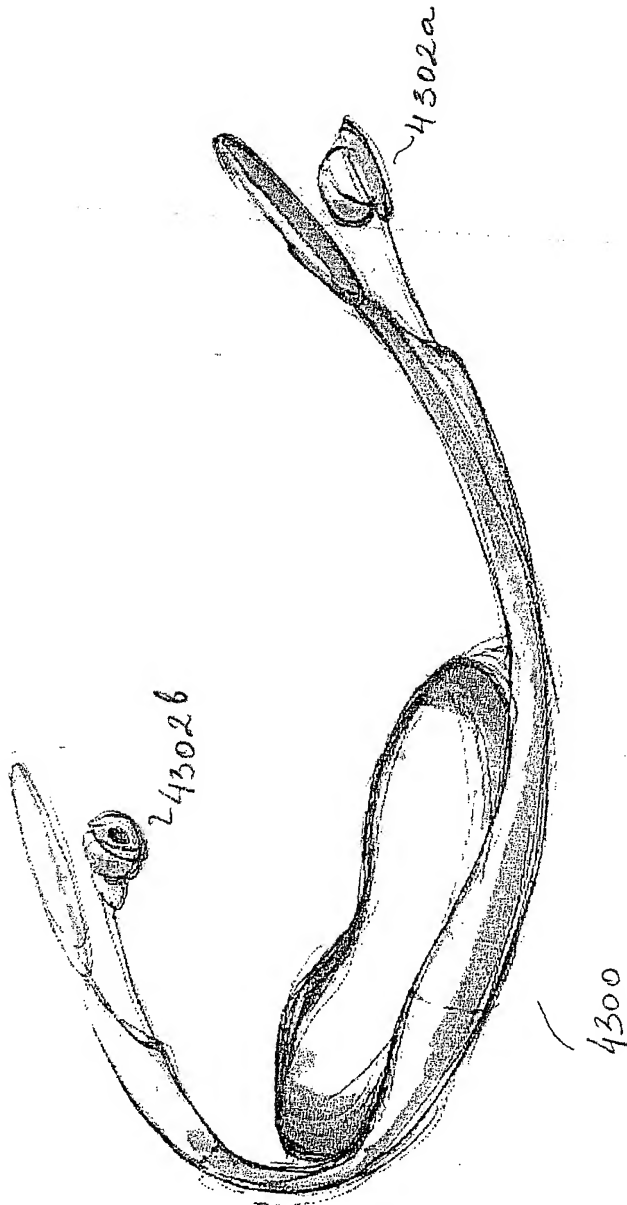


Fig. 43

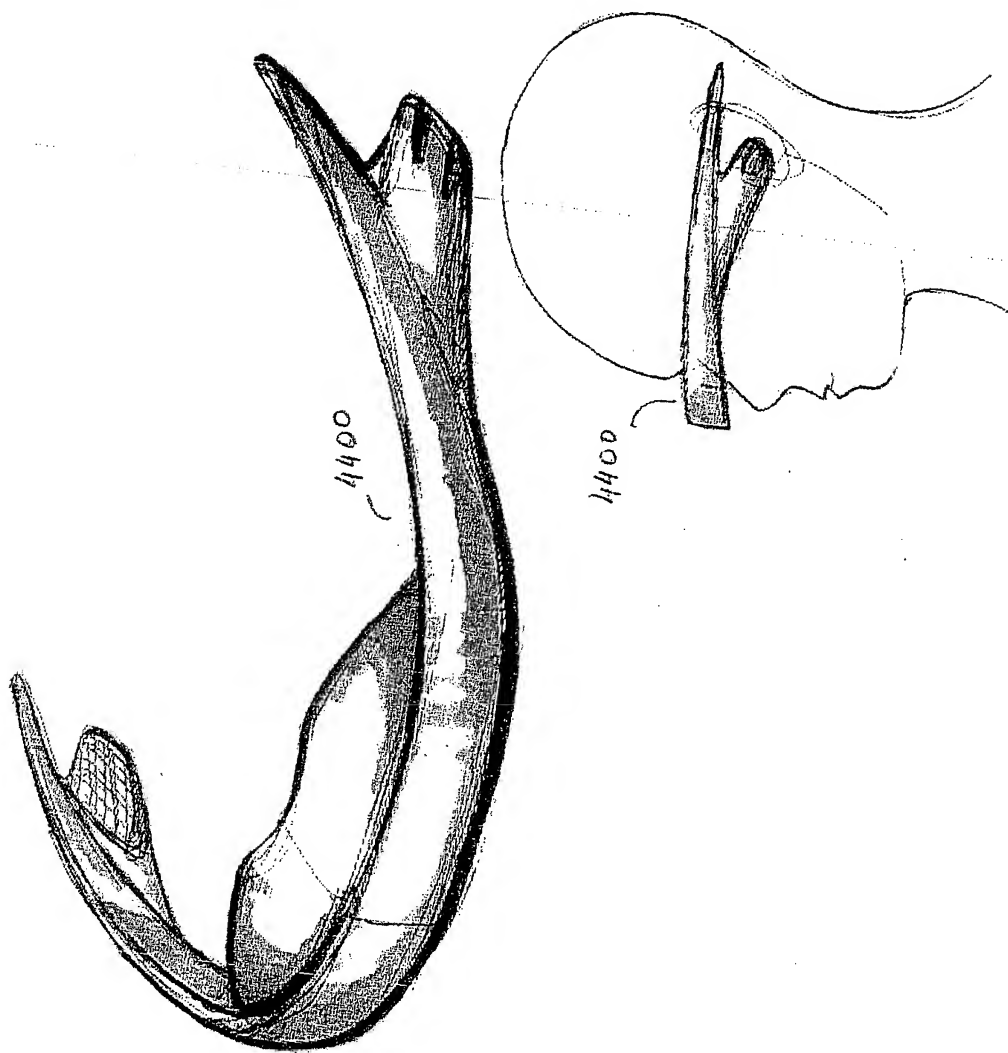


Fig. 44a

Fig. 44b